

Summary Report

Model File: Pemodelan 1, Revision 0
7/21/2018

1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height m	Elevation m	Master Story	Similar To	Splice Story
Story25,68	3.1	26.88	No	None	No
Story 22,58	0.73	23.78	No	None	No
Story21,85	0.57	23.05	No	None	No
Story6	3.47	22.48	No	None	No
Story5	3.42	19.01	No	None	No
Story4	3.42	15.59	No	None	No
Story3	3.42	12.17	No	None	No
Story2	3.42	8.75	No	None	No
Story1	5.33	5.33	No	None	No
Base	0	0	No	None	No

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Patterns

Name	Type	Self Weight Multiplier	Auto Load
Dead	Dead	1	
Live	Live	0	
PT-FINAL	Prestress-Final	0	
PT-TRANSFER	Prestress-Transfer	0	
ADL	Superimposed Dead	0	
GEMPA	Seismic	0	None
Beban Dorong	Seismic	0	User Loads

2.2 Functions

2.2.1 Response Spectrum Functions

Table 2.2 - Response Spectrum Function - User

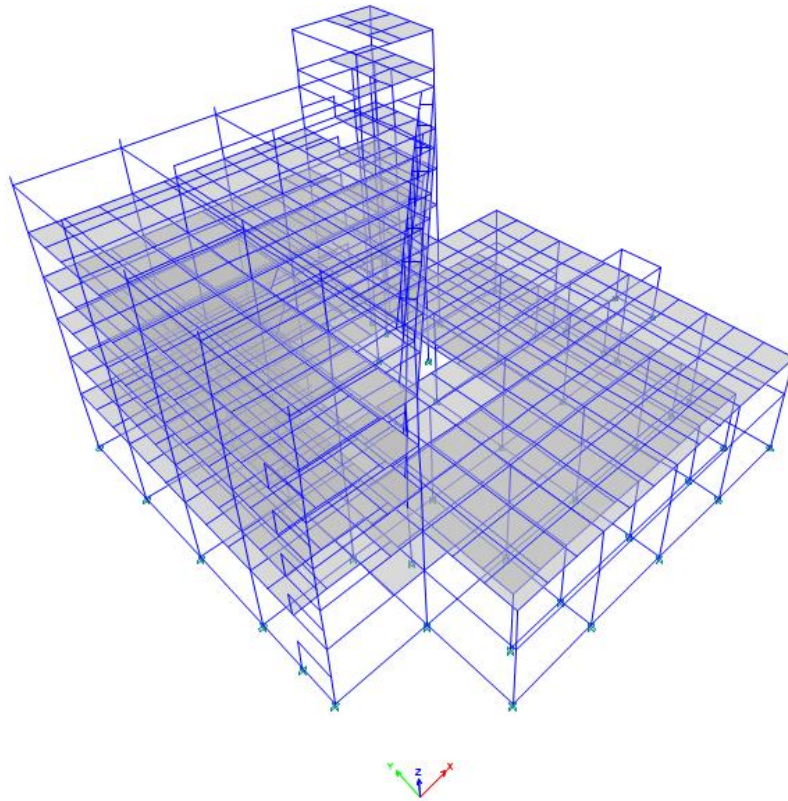
Name	Period sec	Acceleration	Damping %
RS	0	0.2933	5
RS	0.123	0.7333	
RS	0.15	0.7333	
RS	0.2	0.7333	
RS	0.3	0.7333	
RS	0.4	0.7333	
RS	0.5	0.7333	
RS	0.614	0.7333	
RS	0.75	0.6	
RS	0.8	0.5625	
RS	0.9	0.5	
RS	1	0.45	
RS	2	0.225	
RS	3	0.15	
RS	4	0.1125	
RS	5	0.09	
RS	6	0.075	
RS	7	0.0643	
RS	8	0.0563	
RS	9	0.05	
RS	10	0.045	

2.3 Load Cases

Table 2.3 - Load Cases - Summary

Name	Type
Dead	Linear Static
Live	Linear Static
PT-FINAL	Linear Static
PT-TRANSFER	Linear Static
PT-FINAL-HP	Hyperstatic
ADL	Linear Static
GEMPA	Linear Static

Name	Type
DL	Linear Static
GEMPA X	Response Spectrum
GEMPA Y	Response Spectrum
Beban Dorong	Linear Static
Push Over	Nonlinear Static
Beban Gravitasi Non Linear	Nonlinear Static
D+L	Linear Static



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Story21,85	0.57	23.05	No	None	No
Story6	3.47	22.48	No	None	No
Story5	3.42	19.01	No	None	No
Story4	3.42	15.59	No	None	No
Story3	3.42	12.17	No	None	No
Story2	3.42	8.75	No	None	No
Story1	5.33	5.33	No	None	No
Base	0	0	No	None	No

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Patterns

Name	Type	Self Weight Multiplier	Auto Load
Dead	Dead	1	
Live	Live	0	
PT-FINAL	Prestress-Final	0	
PT-TRANSFER	Prestress-Transfer	0	
ADL	Superimposed Dead	0	
GEMPA	Seismic	0	None
Beban Dorong	Seismic	0	User Loads

2.2 Functions

2.2.1 Response Spectrum Functions

Table 2.2 - Response Spectrum Function - User

Name	Period sec	Acceleration	Damping %
RS	0	0.2933	5
RS	0.123	0.7333	
RS	0.15	0.7333	
RS	0.2	0.7333	
RS	0.3	0.7333	
RS	0.4	0.7333	
RS	0.5	0.7333	
RS	0.614	0.7333	
RS	0.75	0.6	
RS	0.8	0.5625	
RS	0.9	0.5	
RS	1	0.45	
RS	2	0.225	
RS	3	0.15	
RS	4	0.1125	
RS	5	0.09	
RS	6	0.075	
RS	7	0.0643	
RS	8	0.0563	
RS	9	0.05	
RS	10	0.045	

2.3 Load Cases

Table 2.3 - Load Cases - Summary

Name	Type
Dead	Linear Static
Live	Linear Static
PT-FINAL	Linear Static
PT-TRANSFER	Linear Static
PT-FINAL-HP	Hyperstatic
ADL	Linear Static
GEMPA	Linear Static

Name	Type
DL	Linear Static
GEMPA X	Response Spectrum
GEMPA Y	Response Spectrum
Beban Dorong	Linear Static
Push Over	Nonlinear Static
Beban Gravitasi Non Linear	Nonlinear Static
D+L	Linear Static

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m
Dead	-0.0009	-0.0003	39966.737	864381.338	-605603.4309	0.0118	0
Live	-0.0003	-0.0001	6552.6575	140818.1272	-98661.1827	0.0039	0
PT-FINAL	0	0	0	0	0	0	0
PT-TRANSFER	0	0	0	0	0	0	0
ADL	-0.0003	-0.0001	9133.8681	195506.1296	-141249.7985	0.0034	0
GEMPA	0	0	0	0	0	0	0
DL	-0.0012	-0.0004	49100.6051	1059887.4676	-746853.2294	0.0151	0
GEMPA X Max	5235.6646	2482.4224	0.0002	33367.7857	77209.7568	149246.3986	0
GEMPA Y Max	14654972	5123886.6179	0.5033	63154735	216563211	414077343	0
Beban Dorong	0.005	-4364.8413	0.0001	68700.6334	0.0965	-61867.7803	0
Push Over Max	0.0029	-0.0001	55653.2633	1338410.9401	-845514.3342	0.0032	0
Push Over Min	-0.0004	-8749.0003	55653.2632	1200705.5979	-845514.3959	-124009.1816	0
Beban Gravitasi Non Linear Max	-0.0002	-0.0001	55653.2632	1200705.5979	-845514.3935	0.0032	0
Beban Gravitasi Non Linear Min	-0.0002	-0.0001	55653.2632	1200705.5979	-845514.3935	0.0032	0
D+L	-0.0015	-0.0005	55653.2626	1200705.5948	-845514.4121	0.019	0
Comb1	-0.0017	-0.0005	68740.8471	1483842.4546	-1045595	0.0212	0
Comb2	-0.0019	-0.0006	69404.978	1497173.9646	-1054082	0.0243	0
Comb3	-0.0017	-0.0006	65473.3836	1412683.0883	-994885.058	0.022	0
Comb4 GEMPAX Max	5235.6629	2482.4219	65473.3838	1446050.874	-917675.3012	149246.4206	0
Comb4 GEMPAX Min	-5235.6664	-2482.423	65473.3834	1379315.3027	-1072095	-149246.3766	0
Comb4 GEMPAY Max	14654972	5123886.6174	65473.8869	64567418	215568326	414077343	0
Comb4 GEMPAY Min	-14654972	-5123887	65472.8802	-61742052	-217558096	-414077343	0
Comb5 Max	5235.6635	2482.4221	44190.5448	987266.5065	-594958.1497	149246.4122	0
Comb5 Min	-5235.6657	-2482.4228	44190.5444	920530.9352	-749377.6633	-149246.385	0
Comb6 Max	14654972	5123886.6176	44191.0479	64108634	215891043	414077343	0
Comb6 Min	-14654972	-5123887	44190.0412	-62200836	-217235379	-414077343	0
SERVIS COMBO	-0.0015	-0.0005	55653.2626	1200705.5948	-845514.4121	0.019	0

Table 3.1 - Base Reactions (Part 2 of 2)

Load Case/Combo	Y m	Z m
Dead	0	0
Live	0	0
PT-FINAL	0	0
PT-TRANSFER	0	0
ADL	0	0
GEMPA	0	0
DL	0	0
GEMPA X Max	0	0
GEMPA Y Max	0	0
Beban Dorong	0	0
Push Over Max	0	0
Push Over Min	0	0
Beban Gravitasi Non Linear Max	0	0
Beban Gravitasi Non Linear Min	0	0
D+L	0	0
Comb1	0	0
Comb2	0	0
Comb3	0	0

Load Case/Combo	Y m	Z m
Comb4 GEMPAX Max	0	0
Comb4 GEMPAX Min	0	0
Comb4 GEMPAY Max	0	0
Comb4 GEMPAY Min	0	0
Comb5 Max	0	0
Comb5 Min	0	0
Comb6 Max	0	0
Comb6 Min	0	0
SERVIS COMBO	0	0

Table 3.2 - Centers of Mass and Rigidity

Story	Diaphragm	Mass X ton	Mass Y ton	XCM m	YCM m	Cumulative X ton	Cumulative Y ton	XCCM m	YCCM m	XCR m	YCR m
Story3	D3	550.0696	550.0696	10.5079	25.6954	550.0696	550.0696	10.5079	25.6954	15.2275	21.6397
Story4	D4	555.8333	555.8333	10.5294	25.6096	555.8333	555.8333	10.5294	25.6096	14.5804	22.5525
Story5	D5	716.2276	716.2276	11.859	24.5084	716.2276	716.2276	11.859	24.5084	15.5545	21.6919
Story1	D1	1156.3966	1156.3966	17.3869	19.0402	1156.3966	1156.3966	17.3869	19.0402	18.0013	18.3129
Story2	D2	1258.0576	1258.0576	18.083	17.9913	1258.0576	1258.0576	18.083	17.9913	17.3825	19.0725
Story6	D6	235.831	235.831	10.1803	25.4007	235.831	235.831	10.1803	25.4007	15.0753	22.2146

Table 3.3 - Diaphragm Center of Mass Displacements

Story	Diaphragm	Load Case/Combo	UX m	UY m	RZ rad	Point	X m	Y m	Z m
Story6	D6	Dead	0.001602	-0.001681	-9E-06	17	10.1803	25.4007	22.48
Story6	D6	Live	0.000418	-0.000469	-1E-06	17	10.1803	25.4007	22.48
Story6	D6	PT-FINAL	0	0	0	17	10.1803	25.4007	22.48
Story6	D6	PT-TRANSFER	0	0	0	17	10.1803	25.4007	22.48
Story6	D6	ADL	0.000396	-0.00041	-2E-06	17	10.1803	25.4007	22.48
Story6	D6	GEMPA	0	0	0	17	10.1803	25.4007	22.48
Story6	D6	DL	0.001998	-0.002091	-1.1E-05	17	10.1803	25.4007	22.48
Story6	D6	GEMPA X Max	0.04199	0.016174	0.001888	17	10.1803	25.4007	22.48
Story6	D6	GEMPA Y Max	117.884427	17.226656	5.194093	17	10.1803	25.4007	22.48
Story6	D6	Beban Dorong	-0.005231	0.03939	-0.000429	17	10.1803	25.4007	22.48
Story6	D6	Push Over Max	0.002493	0.120203	-1.3E-05	17	10.1803	25.4007	22.48
Story6	D6	Push Over Min	-0.005404	-0.00267	-0.001334	17	10.1803	25.4007	22.48
Story6	D6	Beban Gravitasi Non Linear Max	0.002493	-0.00267	-1.3E-05	17	10.1803	25.4007	22.48
Story6	D6	Beban Gravitasi Non Linear Min	0.002493	-0.00267	-1.3E-05	17	10.1803	25.4007	22.48
Story6	D6	D+L	0.002416	-0.002559	-1.2E-05	17	10.1803	25.4007	22.48
Story6	D6	Comb1	0.002797	-0.002927	-1.5E-05	17	10.1803	25.4007	22.48
Story6	D6	Comb2	0.003067	-0.003259	-1.4E-05	17	10.1803	25.4007	22.48
Story6	D6	Comb3	0.002816	-0.002978	-1.4E-05	17	10.1803	25.4007	22.48
Story6	D6	Comb4 GEMPAX Max	0.044806	0.013196	0.001874	17	10.1803	25.4007	22.48
Story6	D6	Comb4 GEMPAX Min	-0.039174	-0.019151	-0.001902	17	10.1803	25.4007	22.48
Story6	D6	Comb4 GEMPAY Max	117.887243	17.223679	5.194079	17	10.1803	25.4007	22.48
Story6	D6	Comb4 GEMPAY Min	-117.881611	-17.229634	-5.194107	17	10.1803	25.4007	22.48
Story6	D6	Comb5 Max	0.043788	0.014292	0.001878	17	10.1803	25.4007	22.48
Story6	D6	Comb5 Min	-0.040191	-0.018056	-0.001898	17	10.1803	25.4007	22.48
Story6	D6	Comb6 Max	117.886225	17.224775	5.194083	17	10.1803	25.4007	22.48
Story6	D6	Comb6 Min	-117.882628	-17.228538	-5.194103	17	10.1803	25.4007	22.48
Story6	D6	SERVIS COMBO	0.002416	-0.002559	-1.2E-05	17	10.1803	25.4007	22.48
Story5	D5	Dead	0.001092	-0.001186	-8E-06	24	11.859	24.5084	19.01
Story5	D5	Live	0.000324	-0.00037	-1E-06	24	11.859	24.5084	19.01
Story5	D5	PT-FINAL	0	0	0	24	11.859	24.5084	19.01
Story5	D5	PT-TRANSFER	0	0	0	24	11.859	24.5084	19.01

Story	Diaphragm	Load Case/Combo	UX m	UY m	RZ rad	Point	X m	Y m	Z m
Story5	D5	ADL	0.0003	-0.00032	-2E-06	24	11.859	24.5084	19.01
Story5	D5	GEMPA	0	0	0	24	11.859	24.5084	19.01
Story5	D5	DL	0.001392	-0.001506	-1E-05	24	11.859	24.5084	19.01
Story5	D5	GEMPA X Max	0.037913	0.015145	0.001697	24	11.859	24.5084	19.01
Story5	D5	GEMPA Y Max	106.401914	19.436659	4.663286	24	11.859	24.5084	19.01
Story5	D5	Beban Dorong	-0.004673	0.035744	-0.000397	24	11.859	24.5084	19.01
Story5	D5	Push Over Max	0.001759	0.112664	-1E-05	24	11.859	24.5084	19.01
Story5	D5	Push Over Min	-0.005401	-0.001919	-0.00127	24	11.859	24.5084	19.01
Story5	D5	Beban Gravitasi Non Linear Max	0.001759	-0.001919	-1E-05	24	11.859	24.5084	19.01
Story5	D5	Beban Gravitasi Non Linear Min	0.001759	-0.001919	-1E-05	24	11.859	24.5084	19.01
Story5	D5	D+L	0.001716	-0.001876	-1E-05	24	11.859	24.5084	19.01
Story5	D5	Comb1	0.001949	-0.002108	-1.4E-05	24	11.859	24.5084	19.01
Story5	D5	Comb2	0.002189	-0.002399	-1.3E-05	24	11.859	24.5084	19.01
Story5	D5	Comb3	0.001995	-0.002177	-1.2E-05	24	11.859	24.5084	19.01
Story5	D5	Comb4 GEMPAX Max	0.039908	0.012968	0.001685	24	11.859	24.5084	19.01
Story5	D5	Comb4 GEMPAX Min	-0.035918	-0.017322	-0.00171	24	11.859	24.5084	19.01
Story5	D5	Comb4 GEMPAY Max	106.403908	19.434482	4.663274	24	11.859	24.5084	19.01
Story5	D5	Comb4 GEMPAY Min	-106.399919	-19.438837	-4.663298	24	11.859	24.5084	19.01
Story5	D5	Comb5 Max	0.039166	0.01379	0.001689	24	11.859	24.5084	19.01
Story5	D5	Comb5 Min	-0.03666	-0.0165	-0.001706	24	11.859	24.5084	19.01
Story5	D5	Comb6 Max	106.403166	19.435304	4.663277	24	11.859	24.5084	19.01
Story5	D5	Comb6 Min	-106.400661	-19.438015	-4.663295	24	11.859	24.5084	19.01
Story5	D5	SERVIS COMBO	0.001716	-0.001876	-1E-05	24	11.859	24.5084	19.01
Story4	D4	Dead	0.000641	-0.000687	-7E-06	25	10.5294	25.6096	15.59
Story4	D4	Live	0.000207	-0.000244	-1E-06	25	10.5294	25.6096	15.59
Story4	D4	PT-FINAL	0	0	0	25	10.5294	25.6096	15.59
Story4	D4	PT-TRANSFER	0	0	0	25	10.5294	25.6096	15.59
Story4	D4	ADL	0.000189	-0.000202	-1E-06	25	10.5294	25.6096	15.59
Story4	D4	GEMPA	0	0	0	25	10.5294	25.6096	15.59
Story4	D4	DL	0.000829	-0.000889	-8E-06	25	10.5294	25.6096	15.59
Story4	D4	GEMPA X Max	0.03447	0.012856	0.001457	25	10.5294	25.6096	15.59
Story4	D4	GEMPA Y Max	96.880385	10.11804	4.00402	25	10.5294	25.6096	15.59
Story4	D4	Beban Dorong	-0.001728	0.032261	-0.000278	25	10.5294	25.6096	15.59
Story4	D4	Push Over Max	0.00105	0.106214	-9E-06	25	10.5294	25.6096	15.59
Story4	D4	Push Over Min	-0.00122	-0.001142	-0.001021	25	10.5294	25.6096	15.59
Story4	D4	Beban Gravitasi Non Linear Max	0.00105	-0.001142	-9E-06	25	10.5294	25.6096	15.59
Story4	D4	Beban Gravitasi Non Linear Min	0.00105	-0.001142	-9E-06	25	10.5294	25.6096	15.59
Story4	D4	D+L	0.001037	-0.001132	-9E-06	25	10.5294	25.6096	15.59
Story4	D4	Comb1	0.001161	-0.001244	-1.2E-05	25	10.5294	25.6096	15.59
Story4	D4	Comb2	0.001327	-0.001456	-1.1E-05	25	10.5294	25.6096	15.59
Story4	D4	Comb3	0.001203	-0.00131	-1.1E-05	25	10.5294	25.6096	15.59
Story4	D4	Comb4 GEMPAX Max	0.035673	0.011546	0.001447	25	10.5294	25.6096	15.59
Story4	D4	Comb4 GEMPAX Min	-0.033267	-0.014166	-0.001468	25	10.5294	25.6096	15.59
Story4	D4	Comb4 GEMPAY Max	96.881588	10.11673	4.00401	25	10.5294	25.6096	15.59
Story4	D4	Comb4 GEMPAY Min	-96.879182	-10.119351	-4.004031	25	10.5294	25.6096	15.59
Story4	D4	Comb5 Max	0.035217	0.012056	0.00145	25	10.5294	25.6096	15.59
Story4	D4	Comb5 Min	-0.033724	-0.013656	-0.001465	25	10.5294	25.6096	15.59
Story4	D4	Comb6 Max	96.881132	10.11724	4.004013	25	10.5294	25.6096	15.59
Story4	D4	Comb6 Min	-96.879638	-10.11884	-4.004028	25	10.5294	25.6096	15.59
Story4	D4	SERVIS COMBO	0.001037	-0.001132	-9E-06	25	10.5294	25.6096	15.59
Story3	D3	Dead	0.000333	-0.000357	-5E-06	26	10.5079	25.6954	12.17
Story3	D3	Live	0.000117	-0.000145	-4.266E-07	26	10.5079	25.6954	12.17
Story3	D3	PT-FINAL	0	0	0	26	10.5079	25.6954	12.17
Story3	D3	PT-TRANSFER	0	0	0	26	10.5079	25.6954	12.17
Story3	D3	ADL	0.000106	-0.000115	-1E-06	26	10.5079	25.6954	12.17
Story3	D3	GEMPA	0	0	0	26	10.5079	25.6954	12.17

Story	Diaphragm	Load Case/Combo	UX m	UY m	RZ rad	Point	X m	Y m	Z m
Story3	D3	DL	0.000439	-0.000472	-5E-06	26	10.5079	25.6954	12.17
Story3	D3	GEMPA X Max	0.027632	0.010612	0.001121	26	10.5079	25.6954	12.17
Story3	D3	GEMPA Y Max	77.674303	10.061094	3.079733	26	10.5079	25.6954	12.17
Story3	D3	Beban Dorong	0.000238	0.025829	-0.00021	26	10.5079	25.6954	12.17
Story3	D3	Push Over Max	0.004105	0.090257	-6E-06	26	10.5079	25.6954	12.17
Story3	D3	Push Over Min	0.000561	-0.000621	-0.000895	26	10.5079	25.6954	12.17
Story3	D3	Beban Gravitasi Non Linear Max	0.000561	-0.000621	-6E-06	26	10.5079	25.6954	12.17
Story3	D3	Beban Gravitasi Non Linear Min	0.000561	-0.000621	-6E-06	26	10.5079	25.6954	12.17
Story3	D3	D+L	0.000557	-0.000618	-6E-06	26	10.5079	25.6954	12.17
Story3	D3	Comb1	0.000615	-0.000661	-8E-06	26	10.5079	25.6954	12.17
Story3	D3	Comb2	0.000715	-0.0008	-7E-06	26	10.5079	25.6954	12.17
Story3	D3	Comb3	0.000645	-0.000712	-7E-06	26	10.5079	25.6954	12.17
Story3	D3	Comb4 GEMPAX Max	0.028276	0.0099	0.001114	26	10.5079	25.6954	12.17
Story3	D3	Comb4 GEMPAX Min	-0.026987	-0.011325	-0.001128	26	10.5079	25.6954	12.17
Story3	D3	Comb4 GEMPAY Max	77.674948	10.060382	3.079726	26	10.5079	25.6954	12.17
Story3	D3	Comb4 GEMPAY Min	-77.673658	-10.061807	-3.07974	26	10.5079	25.6954	12.17
Story3	D3	Comb5 Max	0.028027	0.010187	0.001116	26	10.5079	25.6954	12.17
Story3	D3	Comb5 Min	-0.027236	-0.011037	-0.001126	26	10.5079	25.6954	12.17
Story3	D3	Comb6 Max	77.674698	10.060669	3.079728	26	10.5079	25.6954	12.17
Story3	D3	Comb6 Min	-77.673907	-10.06152	-3.079738	26	10.5079	25.6954	12.17
Story3	D3	SERVIS COMBO	0.000557	-0.000618	-6E-06	26	10.5079	25.6954	12.17
Story2	D2	Dead	6.1E-05	-0.000123	-3E-06	29	18.083	17.9913	8.75
Story2	D2	Live	3.7E-05	-6.3E-05	-1E-06	29	18.083	17.9913	8.75
Story2	D2	PT-FINAL	0	0	0	29	18.083	17.9913	8.75
Story2	D2	PT-TRANSFER	0	0	0	29	18.083	17.9913	8.75
Story2	D2	ADL	2.9E-05	-4.6E-05	-1E-06	29	18.083	17.9913	8.75
Story2	D2	GEMPA	0	0	0	29	18.083	17.9913	8.75
Story2	D2	DL	9E-05	-0.000169	-4E-06	29	18.083	17.9913	8.75
Story2	D2	GEMPA X Max	0.016085	0.008991	0.000747	29	18.083	17.9913	8.75
Story2	D2	GEMPA Y Max	44.999716	18.384139	2.049368	29	18.083	17.9913	8.75
Story2	D2	Beban Dorong	-0.000572	0.016414	-0.000199	29	18.083	17.9913	8.75
Story2	D2	Push Over Max	0.000128	0.061538	-5E-06	29	18.083	17.9913	8.75
Story2	D2	Push Over Min	-0.001682	-0.000233	-0.000883	29	18.083	17.9913	8.75
Story2	D2	Beban Gravitasi Non Linear Max	0.000128	-0.000233	-5E-06	29	18.083	17.9913	8.75
Story2	D2	Beban Gravitasi Non Linear Min	0.000128	-0.000233	-5E-06	29	18.083	17.9913	8.75
Story2	D2	D+L	0.000127	-0.000232	-5E-06	29	18.083	17.9913	8.75
Story2	D2	Comb1	0.000126	-0.000237	-6E-06	29	18.083	17.9913	8.75
Story2	D2	Comb2	0.000168	-0.000303	-6E-06	29	18.083	17.9913	8.75
Story2	D2	Comb3	0.000145	-0.000266	-6E-06	29	18.083	17.9913	8.75
Story2	D2	Comb4 GEMPAX Max	0.016231	0.008725	0.000741	29	18.083	17.9913	8.75
Story2	D2	Comb4 GEMPAX Min	-0.01594	-0.009256	-0.000753	29	18.083	17.9913	8.75
Story2	D2	Comb4 GEMPAY Max	44.999862	18.383873	2.049363	29	18.083	17.9913	8.75
Story2	D2	Comb4 GEMPAY Min	-44.999571	-18.384405	-2.049374	29	18.083	17.9913	8.75
Story2	D2	Comb5 Max	0.016166	0.008839	0.000743	29	18.083	17.9913	8.75
Story2	D2	Comb5 Min	-0.016004	-0.009143	-0.000751	29	18.083	17.9913	8.75
Story2	D2	Comb6 Max	44.999798	18.383987	2.049365	29	18.083	17.9913	8.75
Story2	D2	Comb6 Min	-44.999635	-18.384291	-2.049372	29	18.083	17.9913	8.75
Story2	D2	SERVIS COMBO	0.000127	-0.000232	-5E-06	29	18.083	17.9913	8.75
Story1	D1	Dead	4.5E-05	-8.1E-05	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	Live	2.3E-05	-3.7E-05	-2.689E-07	31	17.3869	19.0402	5.33
Story1	D1	PT-FINAL	0	0	0	31	17.3869	19.0402	5.33
Story1	D1	PT-TRANSFER	0	0	0	31	17.3869	19.0402	5.33
Story1	D1	ADL	1.8E-05	-2.9E-05	-3.569E-07	31	17.3869	19.0402	5.33
Story1	D1	GEMPA	0	0	0	31	17.3869	19.0402	5.33
Story1	D1	DL	6.3E-05	-0.000111	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	GEMPA X Max	0.010017	0.005664	0.00046	31	17.3869	19.0402	5.33

Story	Diaphragm	Load Case/Combo	UX m	UY m	RZ rad	Point	X m	Y m	Z m
Story1	D1	GEMPA Y Max	28.052761	11.35464	1.260826	31	17.3869	19.0402	5.33
Story1	D1	Beban Dorong	-3.1E-05	0.010381	-0.000123	31	17.3869	19.0402	5.33
Story1	D1	Push Over Max	0.000225	0.043258	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	Push Over Min	-6.9E-05	-0.000147	-0.000636	31	17.3869	19.0402	5.33
Story1	D1	Beban Gravitasi Non Linear Max	8.6E-05	-0.000147	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	Beban Gravitasi Non Linear Min	8.6E-05	-0.000147	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	D+L	8.6E-05	-0.000147	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	Comb1	8.8E-05	-0.000155	-3E-06	31	17.3869	19.0402	5.33
Story1	D1	Comb2	0.000112	-0.000191	-3E-06	31	17.3869	19.0402	5.33
Story1	D1	Comb3	9.8E-05	-0.000169	-3E-06	31	17.3869	19.0402	5.33
Story1	D1	Comb4 GEMPAX Max	0.010115	0.005495	0.000457	31	17.3869	19.0402	5.33
Story1	D1	Comb4 GEMPAX Min	-0.009919	-0.005833	-0.000462	31	17.3869	19.0402	5.33
Story1	D1	Comb4 GEMPAY Max	28.05286	11.354471	1.260823	31	17.3869	19.0402	5.33
Story1	D1	Comb4 GEMPAY Min	-28.052663	-11.354809	-1.260829	31	17.3869	19.0402	5.33
Story1	D1	Comb5 Max	0.010073	0.005564	0.000458	31	17.3869	19.0402	5.33
Story1	D1	Comb5 Min	-0.00996	-0.005763	-0.000461	31	17.3869	19.0402	5.33
Story1	D1	Comb6 Max	28.052818	11.354541	1.260824	31	17.3869	19.0402	5.33
Story1	D1	Comb6 Min	-28.052705	-11.35474	-1.260828	31	17.3869	19.0402	5.33
Story1	D1	SERVIS COMBO	8.6E-05	-0.000147	-2E-06	31	17.3869	19.0402	5.33

Table 3.4 - Diaphragm Accelerations

Story	Diaphragm	Load Case/Combo	UX m/sec ²	UY m/sec ²	UZ m/sec ²	RX rad/sec ²	RY rad/sec ²	RZ rad/sec ²
Story6	D6	GEMPA X Max	2.6605	2.352	0.4047	0.164	0.17	0.114
Story6	D6	GEMPA Y Max	7318.6458	6403.6846	1117.051	448.385	467.757	314.026
Story5	D5	GEMPA X Max	2.2768	2.0016	0.3567	0.135	0.167	0.099
Story5	D5	GEMPA Y Max	6249.8585	5451.5892	983.4723	360.102	450.005	273.861
Story4	D4	GEMPA X Max	2.1254	1.8427	0.3178	0.155	0.152	0.088
Story4	D4	GEMPA Y Max	5844.0486	5003.7793	864.51	420.354	415.018	241.601
Story3	D3	GEMPA X Max	1.6831	1.4849	0.4202	0.174	0.229	0.069
Story3	D3	GEMPA Y Max	4633.7683	4007.3086	1167.815	465.174	634.853	189.873
Story2	D2	GEMPA X Max	1.5229	1.3782	0.2828	0.121	0.147	0.047
Story2	D2	GEMPA Y Max	4219.8273	3702.1479	790.232	329.901	406.278	130.593
Story1	D1	GEMPA X Max	0.9951	1.0964	0.2358	0.194	0.215	0.031
Story1	D1	GEMPA Y Max	2760.3605	2956.6847	654.0432	521.288	595.718	86.006

Table 3.5 - Response Spectrum Modal Information (Part 1 of 2)

Response Spectrum Case	Modal case	Mode	Period sec	Damping Ratio	U1 Acceleration m/sec ²	U2 Acceleration m/sec ²	U3 Acceleration m/sec ²	U1 Amplitude m
GEMPA X	Modal	1	1.023	0.05	1.4566	0.437	0	-0.375697
GEMPA X	Modal	2	1.005	0.05	1.4705	0.4411	0	-2.024536
GEMPA X	Modal	3	0.727	0.05	2.0373	0.6111	0	-0.87919
GEMPA X	Modal	4	0.408	0.05	2.4017	0.7205	0	0.167582
GEMPA X	Modal	5	0.367	0.05	2.4017	0.7205	0	-0.094295
GEMPA X	Modal	6	0.315	0.05	2.4017	0.7205	0	0.097743
GEMPA X	Modal	7	0.233	0.05	2.4017	0.7205	0	0.002004
GEMPA X	Modal	8	0.213	0.05	2.4017	0.7205	0	0.022126
GEMPA X	Modal	9	0.194	0.05	2.4017	0.7205	0	-0.001689
GEMPA X	Modal	10	0.159	0.05	2.4017	0.7205	0	-0.001931
GEMPA X	Modal	11	0.157	0.05	2.4017	0.7205	0	0.000699
GEMPA X	Modal	12	0.15	0.05	2.4017	0.7205	0	-0.005862
GEMPA Y	Modal	1	1.023	0.05	4099.6455	1.3666	0	-1057.392132
GEMPA Y	Modal	2	1.005	0.05	4138.5964	1.3796	0	-5698.024404
GEMPA Y	Modal	3	0.727	0.05	5733.8176	1.9114	0	-2474.467161

Response Spectrum Case	Modal case	Mode	Period sec	Damping Ratio	U1 Acceleration m/sec ²	U2 Acceleration m/sec ²	U3 Acceleration m/sec ²	U1 Amplitude m
GEMPA Y	Modal	4	0.408	0.05	6759.5594	2.2533	0	471.65812
GEMPA Y	Modal	5	0.367	0.05	6759.5594	2.2533	0	-265.392266
GEMPA Y	Modal	6	0.315	0.05	6759.5594	2.2533	0	275.094954
GEMPA Y	Modal	7	0.233	0.05	6759.5594	2.2533	0	5.640574
GEMPA Y	Modal	8	0.213	0.05	6759.5594	2.2533	0	62.27365
GEMPA Y	Modal	9	0.194	0.05	6759.5594	2.2533	0	-4.754542
GEMPA Y	Modal	10	0.159	0.05	6759.5594	2.2533	0	-5.43373
GEMPA Y	Modal	11	0.157	0.05	6759.5594	2.2533	0	1.967404
GEMPA Y	Modal	12	0.15	0.05	6759.5594	2.2533	0	-16.497122

Table 3.5 - Response Spectrum Modal Information (Part 2 of 2)

Response Spectrum Case	Modal case	Mode	U2 Amplitude m	U3 Amplitude m
GEMPA X	Modal	1	0.6986	0
GEMPA X	Modal	2	-0.018779	0
GEMPA X	Modal	3	-0.181788	0
GEMPA X	Modal	4	-0.067208	0
GEMPA X	Modal	5	0.003017	0
GEMPA X	Modal	6	0.019179	0
GEMPA X	Modal	7	-0.00617	0
GEMPA X	Modal	8	-0.000417	0
GEMPA X	Modal	9	0.003346	0
GEMPA X	Modal	10	-0.000638	0
GEMPA X	Modal	11	0.000335	0
GEMPA X	Modal	12	0.000307	0
GEMPA Y	Modal	1	2.184895	0
GEMPA Y	Modal	2	-0.058732	0
GEMPA Y	Modal	3	-0.568549	0
GEMPA Y	Modal	4	-0.210196	0
GEMPA Y	Modal	5	0.009436	0
GEMPA Y	Modal	6	0.059984	0
GEMPA Y	Modal	7	-0.019298	0
GEMPA Y	Modal	8	-0.001305	0
GEMPA Y	Modal	9	0.010466	0
GEMPA Y	Modal	10	-0.001994	0
GEMPA Y	Modal	11	0.001046	0
GEMPA Y	Modal	12	0.000961	0

3.2 Story Results

Table 3.6 - Story Max/Avg Displacements

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story6	Dead	X	0.001694	0.001569	1.079
Story6	Dead	Y	0.001842	0.001718	1.072
Story5	Dead	X	0.001183	0.001069	1.107
Story5	Dead	Y	0.001321	0.001206	1.095
Story4	Dead	X	0.000713	0.000613	1.163
Story4	Dead	Y	0.000814	0.000714	1.14
Story3	Dead	X	0.00038	0.000315	1.207
Story3	Dead	Y	0.00044	0.000375	1.174
Story2	Dead	X	0.000123	6.1E-05	2.011
Story2	Dead	Y	0.000184	0.000122	1.506

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story1	Dead	X	7.5E-05	4.3E-05	1.744
Story1	Dead	Y	0.000127	8.9E-05	1.43
Story6	Live	X	0.000426	0.000415	1.027
Story6	Live	Y	0.000483	0.000472	1.024
Story5	Live	X	0.00033	0.000323	1.023
Story5	Live	Y	0.000379	0.000371	1.02
Story4	Live	X	0.000213	0.000205	1.038
Story4	Live	Y	0.000254	0.000246	1.032
Story3	Live	X	0.000122	0.000116	1.053
Story3	Live	Y	0.000153	0.000147	1.042
Story2	Live	X	4.6E-05	3.7E-05	1.246
Story2	Live	Y	7.2E-05	6.3E-05	1.146
Story1	Live	X	2.7E-05	2.2E-05	1.217
Story1	Live	Y	4.4E-05	3.8E-05	1.154
Story6	ADL	X	0.000421	0.000387	1.088
Story6	ADL	Y	0.000454	0.00042	1.081
Story5	ADL	X	0.000321	0.000295	1.088
Story5	ADL	Y	0.000351	0.000325	1.08
Story4	ADL	X	0.000204	0.000183	1.112
Story4	ADL	Y	0.000228	0.000207	1.099
Story3	ADL	X	0.000115	0.000103	1.122
Story3	ADL	Y	0.000131	0.000119	1.106
Story2	ADL	X	4.2E-05	2.9E-05	1.45
Story2	ADL	Y	5.9E-05	4.6E-05	1.281
Story1	ADL	X	2.4E-05	1.8E-05	1.357
Story1	ADL	Y	3.8E-05	3.1E-05	1.251
Story6	DL	X	0.002115	0.001956	1.081
Story6	DL	Y	0.002296	0.002137	1.074
Story5	DL	X	0.001504	0.001363	1.103
Story5	DL	Y	0.001671	0.001531	1.092
Story4	DL	X	0.000916	0.000796	1.151
Story4	DL	Y	0.001042	0.000921	1.131
Story3	DL	X	0.000495	0.000417	1.186
Story3	DL	Y	0.000571	0.000493	1.157
Story2	DL	X	0.000165	9E-05	1.831
Story2	DL	Y	0.000244	0.000169	1.445
Story1	DL	X	9.9E-05	6.1E-05	1.63
Story1	DL	Y	0.000165	0.000119	1.384
Story6	GEMPA X Max	X	0.055987	0.045155	1.24
Story6	GEMPA X Max	Y	0.040333	0.028213	1.43
Story5	GEMPA X Max	X	0.051296	0.041512	1.236
Story5	GEMPA X Max	Y	0.035723	0.025189	1.418
Story4	GEMPA X Max	X	0.044336	0.036861	1.203
Story4	GEMPA X Max	Y	0.030553	0.021947	1.392
Story3	GEMPA X Max	X	0.0352	0.029313	1.201
Story3	GEMPA X Max	Y	0.023191	0.017197	1.349
Story2	GEMPA X Max	X	0.024972	0.019787	1.262
Story2	GEMPA X Max	Y	0.019354	0.013703	1.412
Story1	GEMPA X Max	X	0.015346	0.012089	1.269
Story1	GEMPA X Max	Y	0.015021	0.010149	1.48
Story6	GEMPA Y Max	X	157.496455	125.617865	1.254
Story6	GEMPA Y Max	Y	109.421429	61.124736	1.79
Story5	GEMPA Y Max	X	144.310657	115.434944	1.25
Story5	GEMPA Y Max	Y	96.704514	53.308221	1.814
Story4	GEMPA Y Max	X	124.707057	102.999856	1.211
Story4	GEMPA Y Max	Y	82.043058	44.463889	1.845

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story3	GEMPA Y Max	X	98.93578	81.778704	1.21
Story3	GEMPA Y Max	Y	61.766071	36.062773	1.713
Story2	GEMPA Y Max	X	70.071243	55.044901	1.273
Story2	GEMPA Y Max	Y	52.90416	32.768574	1.614
Story1	GEMPA Y Max	X	43.027386	33.61681	1.28
Story1	GEMPA Y Max	Y	41.52801	24.739282	1.679
Story6	Beban Dorong	X	0.013046	0.006863	1.901
Story6	Beban Dorong	Y	0.043761	0.037578	1.165
Story5	Beban Dorong	X	0.011549	0.005828	1.982
Story5	Beban Dorong	Y	0.040455	0.034735	1.165
Story4	Beban Dorong	Y	0.035184	0.031187	1.128
Story3	Beban Dorong	Y	0.028039	0.025011	1.121
Story2	Beban Dorong	Y	0.020004	0.016431	1.217
Story1	Beban Dorong	Y	0.012523	0.009862	1.27
Story6	Push Over Max	Y	0.133787	0.114572	1.168
Story5	Push Over Max	Y	0.12773	0.109436	1.167
Story4	Push Over Max	Y	0.116961	0.102263	1.144
Story3	Push Over Max	Y	0.099663	0.086773	1.149
Story2	Push Over Max	X	0.014219	0.007132	1.994
Story2	Push Over Max	Y	0.077505	0.061611	1.258
Story1	Push Over Max	X	0.010991	0.005516	1.993
Story1	Push Over Max	Y	0.054312	0.04058	1.338
Story6	Push Over Min	X	0.028953	0.013278	2.181
Story6	Push Over Min	Y	0.002907	0.002723	1.067
Story5	Push Over Min	X	0.026723	0.01244	2.148
Story5	Push Over Min	Y	0.002093	0.001945	1.076
Story4	Push Over Min	X	0.017848	0.008353	2.137
Story4	Push Over Min	Y	0.001304	0.001177	1.108
Story3	Push Over Min	X	0.012457	0.005918	2.105
Story3	Push Over Min	Y	0.000729	0.000644	1.131
Story2	Push Over Min	X	0.017568	0.008678	2.024
Story1	Push Over Min	X	0.011896	0.005885	2.021
Story6	Beban Gravitasi Non Linear Max	X	0.002628	0.002445	1.075
Story6	Beban Gravitasi Non Linear Max	Y	0.002907	0.002723	1.067
Story5	Beban Gravitasi Non Linear Max	X	0.001876	0.001729	1.085
Story5	Beban Gravitasi Non Linear Max	Y	0.002093	0.001945	1.076
Story4	Beban Gravitasi Non Linear Max	X	0.001142	0.001015	1.126
Story4	Beban Gravitasi Non Linear Max	Y	0.001304	0.001177	1.108
Story3	Beban Gravitasi Non Linear Max	X	0.000621	0.000537	1.157
Story3	Beban Gravitasi Non Linear Max	Y	0.000729	0.000644	1.131
Story2	Beban Gravitasi Non Linear Max	X	0.000212	0.000128	1.656
Story2	Beban Gravitasi Non Linear Max	Y	0.000316	0.000232	1.362
Story1	Beban Gravitasi Non Linear Max	X	0.000126	8.4E-05	1.511
Story1	Beban Gravitasi Non Linear Max	Y	0.000209	0.000157	1.325
Story6	Beban Gravitasi Non Linear Min	X	0.002628	0.002445	1.075
Story6	Beban Gravitasi Non Linear Min	Y	0.002907	0.002723	1.067
Story5	Beban Gravitasi Non Linear Min	X	0.001876	0.001729	1.085
Story5	Beban Gravitasi Non Linear Min	Y	0.002093	0.001945	1.076
Story4	Beban Gravitasi Non Linear Min	X	0.001142	0.001015	1.126
Story4	Beban Gravitasi Non Linear Min	Y	0.001304	0.001177	1.108
Story3	Beban Gravitasi Non Linear Min	X	0.000621	0.000537	1.157
Story3	Beban Gravitasi Non Linear Min	Y	0.000729	0.000644	1.131
Story2	Beban Gravitasi Non Linear Min	X	0.000212	0.000128	1.656
Story2	Beban Gravitasi Non Linear Min	Y	0.000316	0.000232	1.362
Story1	Beban Gravitasi Non Linear Min	X	0.000126	8.4E-05	1.511
Story1	Beban Gravitasi Non Linear Min	Y	0.000209	0.000157	1.325

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story6	D+L	X	0.002541	0.002371	1.072
Story6	D+L	Y	0.002779	0.002609	1.065
Story5	D+L	X	0.001834	0.001686	1.088
Story5	D+L	Y	0.00205	0.001902	1.078
Story4	D+L	X	0.001129	0.001001	1.128
Story4	D+L	Y	0.001295	0.001167	1.11
Story3	D+L	X	0.000617	0.000533	1.157
Story3	D+L	Y	0.000724	0.00064	1.131
Story2	D+L	X	0.000212	0.000127	1.661
Story2	D+L	Y	0.000316	0.000231	1.363
Story1	D+L	X	0.000126	8.3E-05	1.519
Story1	D+L	Y	0.000209	0.000157	1.329
Story6	Comb1	X	0.002961	0.002739	1.081
Story6	Comb1	Y	0.003214	0.002992	1.074
Story5	Comb1	X	0.002106	0.001909	1.103
Story5	Comb1	Y	0.00234	0.002143	1.092
Story4	Comb1	X	0.001283	0.001114	1.151
Story4	Comb1	Y	0.001458	0.00129	1.131
Story3	Comb1	X	0.000693	0.000584	1.186
Story3	Comb1	Y	0.000799	0.000691	1.157
Story2	Comb1	X	0.000231	0.000126	1.831
Story2	Comb1	Y	0.000341	0.000236	1.445
Story1	Comb1	X	0.000139	8.5E-05	1.63
Story1	Comb1	Y	0.000232	0.000167	1.384
Story6	Comb2	X	0.00322	0.003012	1.069
Story6	Comb2	Y	0.003528	0.00332	1.063
Story5	Comb2	X	0.002333	0.002153	1.084
Story5	Comb2	Y	0.002611	0.002431	1.074
Story4	Comb2	X	0.001441	0.001283	1.122
Story4	Comb2	Y	0.001656	0.001499	1.105
Story3	Comb2	X	0.000789	0.000686	1.15
Story3	Comb2	Y	0.00093	0.000827	1.124
Story2	Comb2	X	0.000272	0.000168	1.624
Story2	Comb2	Y	0.000408	0.000303	1.345
Story1	Comb2	X	0.000162	0.000109	1.494
Story1	Comb2	Y	0.000268	0.000204	1.316
Story6	Comb3	X	0.002964	0.002763	1.073
Story6	Comb3	Y	0.003238	0.003037	1.066
Story5	Comb3	X	0.002135	0.001959	1.09
Story5	Comb3	Y	0.002384	0.002208	1.08
Story4	Comb3	X	0.001313	0.00116	1.131
Story4	Comb3	Y	0.001504	0.001351	1.113
Story3	Comb3	X	0.000716	0.000616	1.161
Story3	Comb3	Y	0.000838	0.000739	1.134
Story2	Comb3	X	0.000245	0.000145	1.682
Story2	Comb3	Y	0.000364	0.000265	1.374
Story1	Comb3	X	0.000146	9.5E-05	1.533
Story1	Comb3	Y	0.000242	0.000181	1.336
Story6	Comb4 GEMPAX Max	X	0.058952	0.047963	1.229
Story6	Comb4 GEMPAX Max	Y	0.037094	0.025109	1.477
Story5	Comb4 GEMPAX Max	X	0.053431	0.043494	1.228
Story5	Comb4 GEMPAX Max	Y	0.033338	0.022922	1.454
Story4	Comb4 GEMPAX Max	X	0.045648	0.038059	1.199
Story4	Comb4 GEMPAX Max	Y	0.029049	0.020558	1.413
Story3	Comb4 GEMPAX Max	X	0.035916	0.029954	1.199
Story3	Comb4 GEMPAX Max	Y	0.022352	0.016433	1.36

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story2	Comb4 GEMPAX Max	X	0.025216	0.019958	1.263
Story2	Comb4 GEMPAX Max	Y	0.018989	0.013398	1.417
Story1	Comb4 GEMPAX Max	X	0.015492	0.012194	1.27
Story1	Comb4 GEMPAX Max	Y	0.014779	0.009948	1.486
Story6	Comb4 GEMPAX Min	X	0.053023	0.042348	1.252
Story6	Comb4 GEMPAX Min	Y	0.043571	0.031318	1.391
Story5	Comb4 GEMPAX Min	X	0.049161	0.039524	1.244
Story5	Comb4 GEMPAX Min	Y	0.038107	0.027457	1.388
Story4	Comb4 GEMPAX Min	X	0.043023	0.035662	1.206
Story4	Comb4 GEMPAX Min	Y	0.032056	0.023336	1.374
Story3	Comb4 GEMPAX Min	X	0.034485	0.028672	1.203
Story3	Comb4 GEMPAX Min	Y	0.024029	0.017961	1.338
Story2	Comb4 GEMPAX Min	X	0.024727	0.019613	1.261
Story2	Comb4 GEMPAX Min	Y	0.019718	0.014008	1.408
Story1	Comb4 GEMPAX Min	X	0.0152	0.011982	1.268
Story1	Comb4 GEMPAX Min	Y	0.015263	0.010351	1.475
Story6	Comb4 GEMPAY Max	X	157.499419	125.620655	1.254
Story6	Comb4 GEMPAY Max	Y	109.418191	61.121649	1.79
Story5	Comb4 GEMPAY Max	X	144.312793	115.436927	1.25
Story5	Comb4 GEMPAY Max	Y	96.70213	53.305969	1.814
Story4	Comb4 GEMPAY Max	X	124.70837	103.001032	1.211
Story4	Comb4 GEMPAY Max	Y	82.041555	44.462499	1.845
Story3	Comb4 GEMPAY Max	X	98.936496	81.779332	1.21
Story3	Comb4 GEMPAY Max	Y	61.765233	36.062009	1.713
Story2	Comb4 GEMPAY Max	X	70.071488	55.045066	1.273
Story2	Comb4 GEMPAY Max	Y	52.903796	32.768289	1.614
Story1	Comb4 GEMPAY Max	X	43.027532	33.616916	1.28
Story1	Comb4 GEMPAY Max	Y	41.527768	24.739087	1.679
Story6	Comb4 GEMPAY Min	X	157.493491	125.615075	1.254
Story6	Comb4 GEMPAY Min	Y	109.424668	61.127823	1.79
Story5	Comb4 GEMPAY Min	X	144.308522	115.432962	1.25
Story5	Comb4 GEMPAY Min	Y	96.706898	53.310473	1.814
Story4	Comb4 GEMPAY Min	X	124.705744	102.998679	1.211
Story4	Comb4 GEMPAY Min	Y	82.044562	44.465278	1.845
Story3	Comb4 GEMPAY Min	X	98.935064	81.778077	1.21
Story3	Comb4 GEMPAY Min	Y	61.766909	36.063537	1.713
Story2	Comb4 GEMPAY Min	X	70.070999	55.044736	1.273
Story2	Comb4 GEMPAY Min	Y	52.904524	32.768859	1.614
Story1	Comb4 GEMPAY Min	X	43.02724	33.616705	1.28
Story1	Comb4 GEMPAY Min	Y	41.528252	24.739477	1.679
Story6	Comb5 Max	X	0.057891	0.046948	1.233
Story6	Comb5 Max	Y	0.038267	0.026242	1.458
Story5	Comb5 Max	X	0.05265	0.042756	1.231
Story5	Comb5 Max	Y	0.034219	0.023769	1.44
Story4	Comb5 Max	X	0.04516	0.037604	1.201
Story4	Comb5 Max	Y	0.029615	0.021091	1.404
Story3	Comb5 Max	X	0.035646	0.029706	1.2
Story3	Comb5 Max	Y	0.022677	0.016735	1.355
Story2	Comb5 Max	X	0.02512	0.019887	1.263
Story2	Comb5 Max	Y	0.019134	0.013524	1.415
Story1	Comb5 Max	X	0.015435	0.01215	1.27
Story1	Comb5 Max	Y	0.014872	0.010028	1.483
Story6	Comb5 Min	X	0.054084	0.043363	1.247
Story6	Comb5 Min	Y	0.042399	0.030185	1.405
Story5	Comb5 Min	X	0.049943	0.040267	1.24
Story5	Comb5 Min	Y	0.037227	0.026609	1.399

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story4	Comb5 Min	X	0.043511	0.036117	1.205
Story4	Comb5 Min	Y	0.03149	0.022803	1.381
Story3	Comb5 Min	X	0.034755	0.02892	1.202
Story3	Comb5 Min	Y	0.023704	0.017658	1.342
Story2	Comb5 Min	X	0.024823	0.019686	1.261
Story2	Comb5 Min	Y	0.019573	0.013882	1.41
Story1	Comb5 Min	X	0.015256	0.012027	1.269
Story1	Comb5 Min	Y	0.01517	0.010271	1.477
Story6	Comb6 Max	X	157.498358	125.619645	1.254
Story6	Comb6 Max	Y	109.419363	61.122776	1.79
Story5	Comb6 Max	X	144.312011	115.436188	1.25
Story5	Comb6 Max	Y	96.70301	53.306812	1.814
Story4	Comb6 Max	X	124.707882	103.000584	1.211
Story4	Comb6 Max	Y	82.042121	44.463033	1.845
Story3	Comb6 Max	X	98.936226	81.779088	1.21
Story3	Comb6 Max	Y	61.765557	36.062312	1.713
Story2	Comb6 Max	X	70.071392	55.044996	1.273
Story2	Comb6 Max	Y	52.903941	32.768408	1.614
Story1	Comb6 Max	X	43.027475	33.616872	1.28
Story1	Comb6 Max	Y	41.527861	24.739165	1.679
Story6	Comb6 Min	X	157.494552	125.616085	1.254
Story6	Comb6 Min	Y	109.423496	61.126695	1.79
Story5	Comb6 Min	X	144.309304	115.4337	1.25
Story5	Comb6 Min	Y	96.706018	53.30963	1.814
Story4	Comb6 Min	X	124.706232	102.999128	1.211
Story4	Comb6 Min	Y	82.043996	44.464745	1.845
Story3	Comb6 Min	X	98.935335	81.778321	1.21
Story3	Comb6 Min	Y	61.766585	36.063235	1.713
Story2	Comb6 Min	X	70.071095	55.044806	1.273
Story2	Comb6 Min	Y	52.904379	32.768739	1.614
Story1	Comb6 Min	X	43.027297	33.616749	1.28
Story1	Comb6 Min	Y	41.528159	24.739399	1.679
Story6	SERVIS COMBO	X	0.002541	0.002371	1.072
Story6	SERVIS COMBO	Y	0.002779	0.002609	1.065
Story5	SERVIS COMBO	X	0.001834	0.001686	1.088
Story5	SERVIS COMBO	Y	0.00205	0.001902	1.078
Story4	SERVIS COMBO	X	0.001129	0.001001	1.128
Story4	SERVIS COMBO	Y	0.001295	0.001167	1.11
Story3	SERVIS COMBO	X	0.000617	0.000533	1.157
Story3	SERVIS COMBO	Y	0.000724	0.00064	1.131
Story2	SERVIS COMBO	X	0.000212	0.000127	1.661
Story2	SERVIS COMBO	Y	0.000316	0.000231	1.363
Story1	SERVIS COMBO	X	0.000126	8.3E-05	1.519
Story1	SERVIS COMBO	Y	0.000209	0.000157	1.329

Table 3.7 - Story Drifts

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story25,68	Dead	X	0.000159	23	28.8	28.8	26.88
Story25,68	Dead	Y	0.000154	22	28.8	36	26.88
Story25,68	Live	X	2.6E-05	23	28.8	28.8	26.88
Story25,68	Live	Y	3.9E-05	32	21.6	36	26.88
Story25,68	ADL	X	3.1E-05	23	28.8	28.8	26.88
Story25,68	ADL	Y	3.6E-05	32	21.6	36	26.88
Story25,68	DL	X	0.00019	23	28.8	28.8	26.88

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story25,68	DL	Y	0.00019	22	28.8	36	26.88
Story25,68	GEMPA X Max	X	0.00104	32	21.6	36	26.88
Story25,68	GEMPA X Max	Y	0.001087	23	28.8	28.8	26.88
Story25,68	GEMPA Y Max	X	2.907013	32	21.6	36	26.88
Story25,68	GEMPA Y Max	Y	2.936931	23	28.8	28.8	26.88
Story25,68	Beban Dorong	X	4.6E-05	23	28.8	28.8	26.88
Story25,68	Beban Dorong	Y	0.000231	32	21.6	36	26.88
Story25,68	Push Over Max	X	0.000215	23	28.8	28.8	26.88
Story25,68	Push Over Max	Y	0.000281	33	21.6	28.8	26.88
Story25,68	Push Over Min	X	0.0003	23	28.8	28.8	26.88
Story25,68	Push Over Min	Y	0.000238	22	28.8	36	26.88
Story25,68	Beban Gravitasi Non Linear Max	X	0.000215	23	28.8	28.8	26.88
Story25,68	Beban Gravitasi Non Linear Max	Y	0.000238	22	28.8	36	26.88
Story25,68	Beban Gravitasi Non Linear Min	X	0.000215	23	28.8	28.8	26.88
Story25,68	Beban Gravitasi Non Linear Min	Y	0.000238	22	28.8	36	26.88
Story25,68	D+L	X	0.000216	23	28.8	28.8	26.88
Story25,68	D+L	Y	0.000227	22	28.8	36	26.88
Story25,68	Comb1	X	0.000266	23	28.8	28.8	26.88
Story25,68	Comb1	Y	0.000266	22	28.8	36	26.88
Story25,68	Comb2	X	0.000269	23	28.8	28.8	26.88
Story25,68	Comb2	Y	0.000288	22	28.8	36	26.88
Story25,68	Comb3	X	0.000254	23	28.8	28.8	26.88
Story25,68	Comb3	Y	0.000265	22	28.8	36	26.88
Story25,68	Comb4 GEMPAX Max	X	0.000851	32	21.6	36	26.88
Story25,68	Comb4 GEMPAX Max	Y	0.00085	23	28.8	28.8	26.88
Story25,68	Comb4 GEMPAX Min	X	0.001253	22	28.8	36	26.88
Story25,68	Comb4 GEMPAX Min	Y	0.001351	22	28.8	36	26.88
Story25,68	Comb4 GEMPAY Max	X	2.906823	32	21.6	36	26.88
Story25,68	Comb4 GEMPAY Max	Y	2.936693	23	28.8	28.8	26.88
Story25,68	Comb4 GEMPAY Min	X	2.907202	32	21.6	36	26.88
Story25,68	Comb4 GEMPAY Min	Y	2.937169	23	28.8	28.8	26.88
Story25,68	Comb5 Max	X	0.000913	32	21.6	36	26.88
Story25,68	Comb5 Max	Y	0.000934	23	28.8	28.8	26.88
Story25,68	Comb5 Min	X	0.001181	22	28.8	36	26.88
Story25,68	Comb5 Min	Y	0.001256	22	28.8	36	26.88
Story25,68	Comb6 Max	X	2.906886	32	21.6	36	26.88
Story25,68	Comb6 Max	Y	2.936778	23	28.8	28.8	26.88
Story25,68	Comb6 Min	X	2.907139	32	21.6	36	26.88
Story25,68	Comb6 Min	Y	2.937084	23	28.8	28.8	26.88
Story25,68	SERVIS COMBO	X	0.000216	23	28.8	28.8	26.88
Story25,68	SERVIS COMBO	Y	0.000227	22	28.8	36	26.88
Story 22,58	Dead	X	0.000125	33	21.6	28.8	23.78
Story 22,58	Dead	Y	0.000247	5	7.2	28.8	23.78
Story 22,58	Live	X	1.9E-05	225	24.575	33.25	23.78
Story 22,58	Live	Y	3.9E-05	23	28.8	28.8	23.78
Story 22,58	ADL	Y	3.8E-05	23	28.8	28.8	23.78
Story 22,58	DL	X	0.000142	33	21.6	28.8	23.78
Story 22,58	DL	Y	0.000256	5	7.2	28.8	23.78
Story 22,58	GEMPA X Max	X	0.001184	225	24.575	33.25	23.78
Story 22,58	GEMPA X Max	Y	0.001211	219	26.675	31.2	23.78
Story 22,58	GEMPA Y Max	X	3.306756	225	24.575	33.25	23.78
Story 22,58	GEMPA Y Max	Y	3.289994	219	26.675	31.2	23.78
Story 22,58	Beban Dorong	X	0.000171	219	26.675	31.2	23.78
Story 22,58	Beban Dorong	Y	0.00062	220	24.575	31.2	23.78
Story 22,58	Push Over Max	Y	0.001067	220	24.575	31.2	23.78
Story 22,58	Push Over Min	X	0.000283	33	21.6	28.8	23.78

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story 22,58	Push Over Min	Y	0.000279	23	28.8	28.8	23.78
Story 22,58	Beban Gravitasi Non Linear Max	Y	0.000279	23	28.8	28.8	23.78
Story 22,58	Beban Gravitasi Non Linear Min	Y	0.000279	23	28.8	28.8	23.78
Story 22,58	D+L	Y	0.000269	5	7.2	28.8	23.78
Story 22,58	Comb1	X	0.000199	33	21.6	28.8	23.78
Story 22,58	Comb1	Y	0.000358	5	7.2	28.8	23.78
Story 22,58	Comb2	Y	0.000333	23	28.8	28.8	23.78
Story 22,58	Comb3	Y	0.00032	5	7.2	28.8	23.78
Story 22,58	Comb4 GEMPAX Max	X	0.001336	225	24.575	33.25	23.78
Story 22,58	Comb4 GEMPAX Max	Y	0.000954	226	26.675	33.25	23.78
Story 22,58	Comb4 GEMPAX Min	X	0.001097	32	21.6	36	23.78
Story 22,58	Comb4 GEMPAX Min	Y	0.00147	219	26.675	31.2	23.78
Story 22,58	Comb4 GEMPAY Max	X	3.306908	225	24.575	33.25	23.78
Story 22,58	Comb4 GEMPAY Max	Y	3.289736	219	26.675	31.2	23.78
Story 22,58	Comb4 GEMPAY Min	X	3.306604	225	24.575	33.25	23.78
Story 22,58	Comb4 GEMPAY Min	Y	3.290253	219	26.675	31.2	23.78
Story 22,58	Comb5 Max	X	0.001284	225	24.575	33.25	23.78
Story 22,58	Comb5 Max	Y	0.001042	226	26.675	33.25	23.78
Story 22,58	Comb5 Min	X	0.001085	225	24.575	33.25	23.78
Story 22,58	Comb5 Min	Y	0.001381	219	26.675	31.2	23.78
Story 22,58	Comb6 Max	X	3.306856	225	24.575	33.25	23.78
Story 22,58	Comb6 Max	Y	3.289825	219	26.675	31.2	23.78
Story 22,58	Comb6 Min	X	3.306657	225	24.575	33.25	23.78
Story 22,58	Comb6 Min	Y	3.290164	219	26.675	31.2	23.78
Story 22,58	SERVIS COMBO	Y	0.000269	5	7.2	28.8	23.78
Story21,85	Dead	X	0.000402	17	0	36	23.05
Story21,85	Live	X	5.4E-05	2	7.2	7.2	23.05
Story21,85	Live	Y	3.5E-05	22	28.8	36	23.05
Story21,85	ADL	X	5.5E-05	2	7.2	7.2	23.05
Story21,85	ADL	Y	3.3E-05	22	28.8	36	23.05
Story21,85	DL	X	0.000419	17	0	36	23.05
Story21,85	GEMPA X Max	X	0.000976	22	28.8	36	23.05
Story21,85	GEMPA X Max	Y	0.001109	22	28.8	36	23.05
Story21,85	GEMPA Y Max	X	2.727945	22	28.8	36	23.05
Story21,85	GEMPA Y Max	Y	3.006676	22	28.8	36	23.05
Story21,85	Beban Dorong	X	0.000221	2	7.2	7.2	23.05
Story21,85	Beban Dorong	Y	0.000597	17	0	36	23.05
Story21,85	Push Over Max	X	0.000443	17	0	36	23.05
Story21,85	Push Over Max	Y	0.001327	1	0	7.2	23.05
Story21,85	Push Over Min	X	0.000283	4	7.2	21.6	23.05
Story21,85	Push Over Min	Y	0.000302	2	7.2	7.2	23.05
Story21,85	Beban Gravitasi Non Linear Max	X	0.000443	17	0	36	23.05
Story21,85	Beban Gravitasi Non Linear Min	X	0.000443	17	0	36	23.05
Story21,85	D+L	X	0.000434	17	0	36	23.05
Story21,85	Comb1	X	0.000587	17	0	36	23.05
Story21,85	Comb2	X	0.000527	17	0	36	23.05
Story21,85	Comb3	X	0.000518	17	0	36	23.05
Story21,85	Comb4 GEMPAX Max	X	0.001428	17	0	36	23.05
Story21,85	Comb4 GEMPAX Max	Y	0.000803	22	28.8	36	23.05
Story21,85	Comb4 GEMPAX Min	X	0.001042	22	28.8	36	23.05
Story21,85	Comb4 GEMPAX Min	Y	0.001416	22	28.8	36	23.05
Story21,85	Comb4 GEMPAY Max	X	2.727879	22	28.8	36	23.05
Story21,85	Comb4 GEMPAY Max	Y	3.00637	22	28.8	36	23.05
Story21,85	Comb4 GEMPAY Min	X	2.728012	22	28.8	36	23.05
Story21,85	Comb4 GEMPAY Min	Y	3.006982	22	28.8	36	23.05
Story21,85	Comb5 Max	X	0.001287	17	0	36	23.05

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story21,85	Comb5 Max	Y	0.000906	22	28.8	36	23.05
Story21,85	Comb5 Min	X	0.001027	22	28.8	36	23.05
Story21,85	Comb5 Min	Y	0.001313	22	28.8	36	23.05
Story21,85	Comb6 Max	X	2.727895	22	28.8	36	23.05
Story21,85	Comb6 Max	Y	3.006473	22	28.8	36	23.05
Story21,85	Comb6 Min	X	2.727996	22	28.8	36	23.05
Story21,85	Comb6 Min	Y	3.00688	22	28.8	36	23.05
Story21,85	SERVIS COMBO	X	0.000434	17	0	36	23.05
Story6	Dead	X	0.000147	32	21.6	36	22.48
Story6	Dead	Y	0.00015	23	28.8	28.8	22.48
Story6	Live	X	2.8E-05	32	21.6	36	22.48
Story6	Live	Y	3E-05	23	28.8	28.8	22.48
Story6	ADL	X	2.9E-05	32	21.6	36	22.48
Story6	ADL	Y	3E-05	23	28.8	28.8	22.48
Story6	DL	X	0.000176	32	21.6	36	22.48
Story6	DL	Y	0.00018	23	28.8	28.8	22.48
Story6	GEMPA X Max	X	0.001433	32	21.6	36	22.48
Story6	GEMPA X Max	Y	0.001402	23	28.8	28.8	22.48
Story6	GEMPA Y Max	X	4.001703	32	21.6	36	22.48
Story6	GEMPA Y Max	Y	3.830662	23	28.8	28.8	22.48
Story6	Beban Dorong	X	0.000431	2	7.2	7.2	22.48
Story6	Beban Dorong	Y	0.000953	17	0	36	22.48
Story6	Push Over Max	X	0.000217	32	21.6	36	22.48
Story6	Push Over Max	Y	0.00176	17	0	36	22.48
Story6	Push Over Min	X	0.00066	2	7.2	7.2	22.48
Story6	Push Over Min	Y	0.000235	23	28.8	28.8	22.48
Story6	Beban Gravitasi Non Linear Max	X	0.000217	32	21.6	36	22.48
Story6	Beban Gravitasi Non Linear Max	Y	0.000235	23	28.8	28.8	22.48
Story6	Beban Gravitasi Non Linear Min	X	0.000217	32	21.6	36	22.48
Story6	Beban Gravitasi Non Linear Min	Y	0.000235	23	28.8	28.8	22.48
Story6	D+L	X	0.000204	32	21.6	36	22.48
Story6	D+L	Y	0.00021	23	28.8	28.8	22.48
Story6	Comb1	X	0.000246	32	21.6	36	22.48
Story6	Comb1	Y	0.000252	23	28.8	28.8	22.48
Story6	Comb2	X	0.000256	32	21.6	36	22.48
Story6	Comb2	Y	0.000264	23	28.8	28.8	22.48
Story6	Comb3	X	0.000239	32	21.6	36	22.48
Story6	Comb3	Y	0.000246	23	28.8	28.8	22.48
Story6	Comb4 GEMPAX Max	X	0.001672	32	21.6	36	22.48
Story6	Comb4 GEMPAX Max	Y	0.001155	23	28.8	28.8	22.48
Story6	Comb4 GEMPAX Min	X	0.001194	32	21.6	36	22.48
Story6	Comb4 GEMPAX Min	Y	0.001648	23	28.8	28.8	22.48
Story6	Comb4 GEMPAY Max	X	4.001942	32	21.6	36	22.48
Story6	Comb4 GEMPAY Max	Y	3.830415	23	28.8	28.8	22.48
Story6	Comb4 GEMPAY Min	X	4.001464	32	21.6	36	22.48
Story6	Comb4 GEMPAY Min	Y	3.830908	23	28.8	28.8	22.48
Story6	Comb5 Max	X	0.001592	32	21.6	36	22.48
Story6	Comb5 Max	Y	0.001239	23	28.8	28.8	22.48
Story6	Comb5 Min	X	0.001275	32	21.6	36	22.48
Story6	Comb5 Min	Y	0.001564	23	28.8	28.8	22.48
Story6	Comb6 Max	X	4.001861	32	21.6	36	22.48
Story6	Comb6 Max	Y	3.8305	23	28.8	28.8	22.48
Story6	Comb6 Min	X	4.001544	32	21.6	36	22.48
Story6	Comb6 Min	Y	3.830824	23	28.8	28.8	22.48
Story6	SERVIS COMBO	X	0.000204	32	21.6	36	22.48
Story6	SERVIS COMBO	Y	0.00021	23	28.8	28.8	22.48

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story5	Dead	X	0.000138	32	21.6	36	19.01
Story5	Dead	Y	0.000148	23	28.8	28.8	19.01
Story5	Live	X	3.5E-05	2	7.2	7.2	19.01
Story5	Live	Y	3.7E-05	17	0	36	19.01
Story5	ADL	X	3.4E-05	32	21.6	36	19.01
Story5	ADL	Y	3.6E-05	23	28.8	28.8	19.01
Story5	DL	X	0.000172	32	21.6	36	19.01
Story5	DL	Y	0.000184	23	28.8	28.8	19.01
Story5	GEMPA X Max	X	0.002135	32	21.6	36	19.01
Story5	GEMPA X Max	Y	0.001899	23	28.8	28.8	19.01
Story5	GEMPA Y Max	X	5.970631	32	21.6	36	19.01
Story5	GEMPA Y Max	Y	5.296111	23	28.8	28.8	19.01
Story5	Beban Dorong	X	0.001378	2	7.2	7.2	19.01
Story5	Beban Dorong	Y	0.001541	17	0	36	19.01
Story5	Push Over Max	Y	0.003171	17	0	36	19.01
Story5	Push Over Min	X	0.002653	2	7.2	7.2	19.01
Story5	Push Over Min	Y	0.00023	23	28.8	28.8	19.01
Story5	Beban Gravitasi Non Linear Max	X	0.000215	32	21.6	36	19.01
Story5	Beban Gravitasi Non Linear Max	Y	0.00023	23	28.8	28.8	19.01
Story5	Beban Gravitasi Non Linear Min	X	0.000215	32	21.6	36	19.01
Story5	Beban Gravitasi Non Linear Min	Y	0.00023	23	28.8	28.8	19.01
Story5	D+L	X	0.000206	32	21.6	36	19.01
Story5	D+L	Y	0.000221	23	28.8	28.8	19.01
Story5	Comb1	X	0.000241	32	21.6	36	19.01
Story5	Comb1	Y	0.000258	23	28.8	28.8	19.01
Story5	Comb2	X	0.000261	32	21.6	36	19.01
Story5	Comb2	Y	0.000279	23	28.8	28.8	19.01
Story5	Comb3	X	0.00024	32	21.6	36	19.01
Story5	Comb3	Y	0.000257	23	28.8	28.8	19.01
Story5	Comb4 GEMPAX Max	X	0.002375	32	21.6	36	19.01
Story5	Comb4 GEMPAX Max	Y	0.001642	23	28.8	28.8	19.01
Story5	Comb4 GEMPAX Min	X	0.001894	32	21.6	36	19.01
Story5	Comb4 GEMPAX Min	Y	0.002157	23	28.8	28.8	19.01
Story5	Comb4 GEMPAY Max	X	5.970871	32	21.6	36	19.01
Story5	Comb4 GEMPAY Max	Y	5.295853	23	28.8	28.8	19.01
Story5	Comb4 GEMPAY Min	X	5.97039	32	21.6	36	19.01
Story5	Comb4 GEMPAY Min	Y	5.296368	23	28.8	28.8	19.01
Story5	Comb5 Max	X	0.002289	32	21.6	36	19.01
Story5	Comb5 Max	Y	0.001734	23	28.8	28.8	19.01
Story5	Comb5 Min	X	0.00198	32	21.6	36	19.01
Story5	Comb5 Min	Y	0.002065	23	28.8	28.8	19.01
Story5	Comb6 Max	X	5.970785	32	21.6	36	19.01
Story5	Comb6 Max	Y	5.295945	23	28.8	28.8	19.01
Story5	Comb6 Min	X	5.970476	32	21.6	36	19.01
Story5	Comb6 Min	Y	5.296276	23	28.8	28.8	19.01
Story5	SERVIS COMBO	X	0.000206	32	21.6	36	19.01
Story5	SERVIS COMBO	Y	0.000221	23	28.8	28.8	19.01
Story4	Dead	X	9.7E-05	32	21.6	36	15.59
Story4	Dead	Y	0.000109	23	28.8	28.8	15.59
Story4	Live	X	2.7E-05	32	21.6	36	15.59
Story4	Live	Y	2.9E-05	23	28.8	28.8	15.59
Story4	ADL	X	2.6E-05	32	21.6	36	15.59
Story4	ADL	Y	2.8E-05	23	28.8	28.8	15.59
Story4	DL	X	0.000123	32	21.6	36	15.59
Story4	DL	Y	0.000138	23	28.8	28.8	15.59
Story4	GEMPA X Max	X	0.002755	32	21.6	36	15.59

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story4	GEMPA X Max	Y	0.00228	23	28.8	28.8	15.59
Story4	GEMPA Y Max	X	7.732256	32	21.6	36	15.59
Story4	GEMPA Y Max	Y	6.240152	23	28.8	28.8	15.59
Story4	Beban Dorong	X	0.000932	2	7.2	7.2	15.59
Story4	Beban Dorong	Y	0.002089	17	0	36	15.59
Story4	Push Over Max	Y	0.005085	17	0	36	15.59
Story4	Push Over Min	X	0.001625	2	7.2	7.2	15.59
Story4	Push Over Min	Y	0.000168	23	28.8	28.8	15.59
Story4	Beban Gravitasi Non Linear Max	X	0.000152	32	21.6	36	15.59
Story4	Beban Gravitasi Non Linear Max	Y	0.000168	23	28.8	28.8	15.59
Story4	Beban Gravitasi Non Linear Min	X	0.000152	32	21.6	36	15.59
Story4	Beban Gravitasi Non Linear Min	Y	0.000168	23	28.8	28.8	15.59
Story4	D+L	X	0.00015	32	21.6	36	15.59
Story4	D+L	Y	0.000167	23	28.8	28.8	15.59
Story4	Comb1	X	0.000173	32	21.6	36	15.59
Story4	Comb1	Y	0.000193	23	28.8	28.8	15.59
Story4	Comb2	X	0.000191	32	21.6	36	15.59
Story4	Comb2	Y	0.000212	23	28.8	28.8	15.59
Story4	Comb3	X	0.000175	32	21.6	36	15.59
Story4	Comb3	Y	0.000195	23	28.8	28.8	15.59
Story4	Comb4 GEMPAX Max	X	0.00293	32	21.6	36	15.59
Story4	Comb4 GEMPAX Max	Y	0.002085	23	28.8	28.8	15.59
Story4	Comb4 GEMPAX Min	X	0.00258	32	21.6	36	15.59
Story4	Comb4 GEMPAX Min	Y	0.002474	23	28.8	28.8	15.59
Story4	Comb4 GEMPAY Max	X	7.73243	32	21.6	36	15.59
Story4	Comb4 GEMPAY Max	Y	6.239957	23	28.8	28.8	15.59
Story4	Comb4 GEMPAY Min	X	7.732081	32	21.6	36	15.59
Story4	Comb4 GEMPAY Min	Y	6.240346	23	28.8	28.8	15.59
Story4	Comb5 Max	X	0.002866	32	21.6	36	15.59
Story4	Comb5 Max	Y	0.002156	23	28.8	28.8	15.59
Story4	Comb5 Min	X	0.002644	32	21.6	36	15.59
Story4	Comb5 Min	Y	0.002404	23	28.8	28.8	15.59
Story4	Comb6 Max	X	7.732366	32	21.6	36	15.59
Story4	Comb6 Max	Y	6.240028	23	28.8	28.8	15.59
Story4	Comb6 Min	X	7.732145	32	21.6	36	15.59
Story4	Comb6 Min	Y	6.240276	23	28.8	28.8	15.59
Story4	SERVIS COMBO	X	0.00015	32	21.6	36	15.59
Story4	SERVIS COMBO	Y	0.000167	23	28.8	28.8	15.59
Story3	Dead	X	7.5E-05	32	21.6	36	12.17
Story3	Dead	Y	8.2E-05	23	28.8	28.8	12.17
Story3	Live	X	2.3E-05	2	7.2	7.2	12.17
Story3	Live	Y	2.6E-05	17	0	36	12.17
Story3	ADL	X	2.1E-05	32	21.6	36	12.17
Story3	ADL	Y	2.3E-05	23	28.8	28.8	12.17
Story3	DL	X	9.6E-05	32	21.6	36	12.17
Story3	DL	Y	0.000104	23	28.8	28.8	12.17
Story3	GEMPA X Max	X	0.003043	32	21.6	36	12.17
Story3	GEMPA X Max	Y	0.002634	23	28.8	28.8	12.17
Story3	GEMPA Y Max	X	8.559665	32	21.6	36	12.17
Story3	GEMPA Y Max	Y	7.101001	22	28.8	36	12.17
Story3	Beban Dorong	Y	0.002349	17	0	36	12.17
Story3	Push Over Max	Y	0.00648	17	0	36	12.17
Story3	Push Over Min	X	0.000405	2	7.2	7.2	12.17
Story3	Push Over Min	Y	0.00013	23	28.8	28.8	12.17
Story3	Beban Gravitasi Non Linear Max	X	0.00012	32	21.6	36	12.17
Story3	Beban Gravitasi Non Linear Max	Y	0.00013	23	28.8	28.8	12.17

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story3	Beban Gravitasi Non Linear Min	X	0.00012	32	21.6	36	12.17
Story3	Beban Gravitasi Non Linear Min	Y	0.00013	23	28.8	28.8	12.17
Story3	D+L	X	0.000118	32	21.6	36	12.17
Story3	D+L	Y	0.000129	23	28.8	28.8	12.17
Story3	Comb1	X	0.000135	32	21.6	36	12.17
Story3	Comb1	Y	0.000146	23	28.8	28.8	12.17
Story3	Comb2	X	0.000151	32	21.6	36	12.17
Story3	Comb2	Y	0.000165	23	28.8	28.8	12.17
Story3	Comb3	X	0.000138	32	21.6	36	12.17
Story3	Comb3	Y	0.00015	23	28.8	28.8	12.17
Story3	Comb4 GEMPAX Max	X	0.003181	32	21.6	36	12.17
Story3	Comb4 GEMPAX Max	Y	0.002484	23	28.8	28.8	12.17
Story3	Comb4 GEMPAX Min	X	0.002905	32	21.6	36	12.17
Story3	Comb4 GEMPAX Min	Y	0.002784	23	28.8	28.8	12.17
Story3	Comb4 GEMPAY Max	X	8.559803	32	21.6	36	12.17
Story3	Comb4 GEMPAY Max	Y	7.100851	22	28.8	36	12.17
Story3	Comb4 GEMPAY Min	X	8.559527	32	21.6	36	12.17
Story3	Comb4 GEMPAY Min	Y	7.101152	22	28.8	36	12.17
Story3	Comb5 Max	X	0.00313	32	21.6	36	12.17
Story3	Comb5 Max	Y	0.00254	23	28.8	28.8	12.17
Story3	Comb5 Min	X	0.002956	32	21.6	36	12.17
Story3	Comb5 Min	Y	0.002728	23	28.8	28.8	12.17
Story3	Comb6 Max	X	8.559752	32	21.6	36	12.17
Story3	Comb6 Max	Y	7.100907	22	28.8	36	12.17
Story3	Comb6 Min	X	8.559578	32	21.6	36	12.17
Story3	Comb6 Min	Y	7.101095	22	28.8	36	12.17
Story3	SERVIS COMBO	X	0.000118	32	21.6	36	12.17
Story3	SERVIS COMBO	Y	0.000129	23	28.8	28.8	12.17
Story2	Dead	X	1.4E-05	32	21.6	36	8.75
Story2	Dead	Y	2E-05	47	36	28.8	8.75
Story2	Live	X	6E-06	32	21.6	36	8.75
Story2	Live	Y	9E-06	47	36	28.8	8.75
Story2	ADL	X	5E-06	32	21.6	36	8.75
Story2	ADL	Y	7E-06	47	36	28.8	8.75
Story2	DL	X	1.9E-05	32	21.6	36	8.75
Story2	DL	Y	2.7E-05	47	36	28.8	8.75
Story2	GEMPA X Max	X	0.002821	32	21.6	36	8.75
Story2	GEMPA X Max	Y	0.002164	21	36	0	8.75
Story2	GEMPA Y Max	X	7.922538	32	21.6	36	8.75
Story2	GEMPA Y Max	Y	5.933169	21	36	0	8.75
Story2	Beban Dorong	Y	0.002188	17	0	36	8.75
Story2	Push Over Max	Y	0.006781	17	0	36	8.75
Story2	Push Over Min	X	0.001659	34	21.6	0	8.75
Story2	Beban Gravitasi Non Linear Max	X	2.5E-05	32	21.6	36	8.75
Story2	Beban Gravitasi Non Linear Max	Y	3.7E-05	47	36	28.8	8.75
Story2	Beban Gravitasi Non Linear Min	X	2.5E-05	32	21.6	36	8.75
Story2	Beban Gravitasi Non Linear Min	Y	3.7E-05	47	36	28.8	8.75
Story2	D+L	X	2.5E-05	32	21.6	36	8.75
Story2	D+L	Y	3.6E-05	47	36	28.8	8.75
Story2	Comb1	X	2.7E-05	32	21.6	36	8.75
Story2	Comb1	Y	3.8E-05	47	36	28.8	8.75
Story2	Comb2	X	3.2E-05	32	21.6	36	8.75
Story2	Comb2	Y	4.7E-05	47	36	28.8	8.75
Story2	Comb3	X	2.9E-05	32	21.6	36	8.75
Story2	Comb3	Y	4.2E-05	47	36	28.8	8.75
Story2	Comb4 GEMPAX Max	X	0.002849	32	21.6	36	8.75

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story2	Comb4 GEMPAX Max	Y	0.002122	21	36	0	8.75
Story2	Comb4 GEMPAX Min	X	0.002792	32	21.6	36	8.75
Story2	Comb4 GEMPAX Min	Y	0.002205	45	36	14.4	8.75
Story2	Comb4 GEMPAY Max	X	7.922567	32	21.6	36	8.75
Story2	Comb4 GEMPAY Max	Y	5.933128	21	36	0	8.75
Story2	Comb4 GEMPAY Min	X	7.922509	32	21.6	36	8.75
Story2	Comb4 GEMPAY Min	Y	5.933211	21	36	0	8.75
Story2	Comb5 Max	X	0.002838	32	21.6	36	8.75
Story2	Comb5 Max	Y	0.002139	45	36	14.4	8.75
Story2	Comb5 Min	X	0.002803	32	21.6	36	8.75
Story2	Comb5 Min	Y	0.002188	21	36	0	8.75
Story2	Comb6 Max	X	7.922555	32	21.6	36	8.75
Story2	Comb6 Max	Y	5.933145	21	36	0	8.75
Story2	Comb6 Min	X	7.92252	32	21.6	36	8.75
Story2	Comb6 Min	Y	5.933194	21	36	0	8.75
Story2	SERVIS COMBO	X	2.5E-05	32	21.6	36	8.75
Story2	SERVIS COMBO	Y	3.6E-05	47	36	28.8	8.75
Story1	Dead	X	1.4E-05	32	21.6	36	5.33
Story1	Dead	Y	2.4E-05	370	43.2	20.1	5.33
Story1	Live	X	5E-06	32	21.6	36	5.33
Story1	Live	Y	8E-06	370	43.2	20.1	5.33
Story1	ADL	X	5E-06	32	21.6	36	5.33
Story1	ADL	Y	7E-06	370	43.2	20.1	5.33
Story1	DL	X	1.9E-05	32	21.6	36	5.33
Story1	DL	Y	3.1E-05	370	43.2	20.1	5.33
Story1	GEMPA X Max	X	0.002879	32	21.6	36	5.33
Story1	GEMPA X Max	Y	0.002818	370	43.2	20.1	5.33
Story1	GEMPA Y Max	X	8.07268	32	21.6	36	5.33
Story1	GEMPA Y Max	Y	7.791371	370	43.2	20.1	5.33
Story1	Beban Dorong	Y	0.002349	17	0	36	5.33
Story1	Push Over Max	X	0.002062	32	21.6	36	5.33
Story1	Push Over Max	Y	0.01019	17	0	36	5.33
Story1	Push Over Min	X	0.002232	34	21.6	0	5.33
Story1	Beban Gravitasi Non Linear Max	X	2.4E-05	32	21.6	36	5.33
Story1	Beban Gravitasi Non Linear Max	Y	3.9E-05	370	43.2	20.1	5.33
Story1	Beban Gravitasi Non Linear Min	X	2.4E-05	32	21.6	36	5.33
Story1	Beban Gravitasi Non Linear Min	Y	3.9E-05	370	43.2	20.1	5.33
Story1	D+L	X	2.4E-05	32	21.6	36	5.33
Story1	D+L	Y	3.9E-05	370	43.2	20.1	5.33
Story1	Comb1	X	2.6E-05	32	21.6	36	5.33
Story1	Comb1	Y	4.3E-05	370	43.2	20.1	5.33
Story1	Comb2	X	3E-05	32	21.6	36	5.33
Story1	Comb2	Y	5E-05	370	43.2	20.1	5.33
Story1	Comb3	X	2.7E-05	32	21.6	36	5.33
Story1	Comb3	Y	4.5E-05	370	43.2	20.1	5.33
Story1	Comb4 GEMPAX Max	X	0.002907	32	21.6	36	5.33
Story1	Comb4 GEMPAX Max	Y	0.002773	370	43.2	20.1	5.33
Story1	Comb4 GEMPAX Min	X	0.002852	32	21.6	36	5.33
Story1	Comb4 GEMPAX Min	Y	0.002864	370	43.2	20.1	5.33
Story1	Comb4 GEMPAY Max	X	8.072708	32	21.6	36	5.33
Story1	Comb4 GEMPAY Max	Y	7.791326	370	43.2	20.1	5.33
Story1	Comb4 GEMPAY Min	X	8.072653	32	21.6	36	5.33
Story1	Comb4 GEMPAY Min	Y	7.791417	370	43.2	20.1	5.33
Story1	Comb5 Max	X	0.002896	32	21.6	36	5.33
Story1	Comb5 Max	Y	0.00279	370	43.2	20.1	5.33
Story1	Comb5 Min	X	0.002862	32	21.6	36	5.33

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story1	Comb5 Min	Y	0.002846	370	43.2	20.1	5.33
Story1	Comb6 Max	X	8.072697	32	21.6	36	5.33
Story1	Comb6 Max	Y	7.791344	370	43.2	20.1	5.33
Story1	Comb6 Min	X	8.072664	32	21.6	36	5.33
Story1	Comb6 Min	Y	7.791399	370	43.2	20.1	5.33
Story1	SERVIS COMBO	X	2.4E-05	32	21.6	36	5.33
Story1	SERVIS COMBO	Y	3.9E-05	370	43.2	20.1	5.33

Table 3.8 - Story Forces

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	Dead	Top	33738.8193	-0.82	-1.7553	59.0901	755711.2453	-489347.7654
Story1	Dead	Bottom	37253.4848	-0.0009	-0.0003	0.0118	817755.3754	-552859.4038
Story1	Live	Top	6373.5973	-0.4778	-0.3509	6.5742	137787.5486	-95895.6248
Story1	Live	Bottom	6552.6575	-0.0003	-0.0001	0.0039	140818.1272	-98661.1827
Story1	PT-FINAL	Top	0	0	0	0	0	0
Story1	PT-FINAL	Bottom	0	0	0	0	0	0
Story1	PT-TRANSFER	Top	0	0	0	0	0	0
Story1	PT-TRANSFER	Bottom	0	0	0	0	0	0
Story1	ADL	Top	7944.327	-0.3327	-0.3642	8.5408	175430.4367	-119343.3089
Story1	ADL	Bottom	8128.9393	-0.0003	-0.0001	0.0034	178603.957	-122243.1258
Story1	GEMPA	Top	0	0	0	0	0	0
Story1	GEMPA	Bottom	0	0	0	0	0	0
Story1	DL	Top	41683.1464	-1.1527	-2.1195	67.6309	931141.682	-608691.0743
Story1	DL	Bottom	45382.4241	-0.0012	-0.0004	0.0151	996359.3325	-675102.5296
Story1	GEMPA X Max	Top	144.449	4478.146	2373.2148	135487.6097	21752.0176	42798.8665
Story1	GEMPA X Max	Bottom	0.0002	5235.6646	2482.4224	149246.3986	33367.7857	77209.7568
Story1	GEMPA Y Max	Top	364084.213	12532757	4940221.6435	375510733	43174766	120039111
Story1	GEMPA Y Max	Bottom	0.5033	14654972	5123886.618	414077343	63154735	216563211
Story1	Beban Dorong	Top	162.2772	-13.0218	-4145.9664	-59056.7072	41307.349	4992.3421
Story1	Beban Dorong	Bottom	0.0001	0.005	-4364.8413	-61867.7803	68700.6334	0.0965
Story1	Push Over Max	Top	48497.2693	-1.8382	-2.4918	71.375	1154208.424	-696880.718
Story1	Push Over Max	Bottom	51935.0823	0.0029	-0.0001	0.0032	1274882.8049	-773763.6344
Story1	Push Over Min	Top	48112.1624	-37.6393	-8456.1581	-120142.7483	1069971.5532	-705547.5577
Story1	Push Over Min	Bottom	51935.0823	-0.0004	-8749.0003	-124009.1816	1137177.4627	-773763.6961
Story1	Beban Gravitasi Non Linear Max	Top	48112.1624	-1.8382	-2.4918	71.375	1069971.5532	-705547.5577
Story1	Beban Gravitasi Non Linear Max	Bottom	51935.0823	-0.0002	-0.0001	0.0032	1137177.4627	-773763.6937
Story1	Beban Gravitasi Non Linear Min	Top	48112.1624	-1.8382	-2.4918	71.375	1069971.5532	-705547.5577
Story1	Beban Gravitasi Non Linear Min	Bottom	51935.0823	-0.0002	-0.0001	0.0032	1137177.4627	-773763.6937
Story1	D+L	Top	48056.7437	-1.6304	-2.4704	74.2051	1068929.2306	-704586.6991
Story1	D+L	Bottom	51935.0816	-0.0015	-0.0005	0.019	1137177.4597	-773763.7123
Story1	Comb1	Top	58356.4049	-1.6137	-2.9674	94.6832	1303598.3548	-852167.5041
Story1	Comb1	Bottom	63535.3938	-0.0017	-0.0005	0.0212	1394903.0654	-945143.5414
Story1	Comb2	Top	60217.5313	-2.1476	-3.1049	91.6758	1337830.0962	-883862.2888
Story1	Comb2	Bottom	64943.1609	-0.0019	-0.0006	0.0243	1420940.2025	-967980.9278
Story1	Comb3	Top	56393.3729	-1.8609	-2.8943	87.7313	1255157.567	-826324.914
Story1	Comb3	Bottom	61011.5664	-0.0017	-0.0006	0.022	1336449.3262	-908784.2182
Story1	Comb4 GEMPAX Max	Top	56537.8219	4476.2851	2370.3204	135575.3409	1276909.5847	-783526.0475
Story1	Comb4 GEMPAX Max	Bottom	61011.5666	5235.6629	2482.4219	149246.4206	1369817.1118	-831574.4614
Story1	Comb4 GEMPAX Min	Top	56248.9239	-4480.007	-2376.1091	-135399.8784	1233405.5494	-869123.7805
Story1	Comb4 GEMPAX Min	Bottom	61011.5662	-5235.6664	-2482.423	-149246.3766	1303081.5405	-985993.975
Story1	Comb4 GEMPAY Max	Top	420477.5859	12532755	4940218.7492	375510820	44429923	119212786
Story1	Comb4 GEMPAY Max	Bottom	61012.0698	14654972	5123886.6175	414077343	64491185	215654427

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	Comb4 GEMPAY Min	Top	-307690.84	-12532759	-4940225	-375510645	-41919608	-120865436
Story1	Comb4 GEMPAY Min	Bottom	61011.0631	-14654972	-5123887	-414077343	-61818286	-217471996
Story1	Comb5 Max	Top	37659.2808	4477.1086	2371.3072	135548.4775	859779.5314	-505023.1004
Story1	Comb5 Max	Bottom	40844.1819	5235.6635	2482.4221	149246.4122	930091.1849	-530382.5199
Story1	Comb5 Min	Top	37370.3827	-4479.1834	-2375.1224	-135426.7419	816275.4961	-590620.8334
Story1	Comb5 Min	Bottom	40844.1815	-5235.6657	-2482.4228	-149246.385	863355.6135	-684802.0334
Story1	Comb6 Max	Top	401599.0447	12532756	4940219.736	375510793	44012793	119491289
Story1	Comb6 Max	Bottom	40844.6851	14654972	5123886.6177	414077343	64051459	215955619
Story1	Comb6 Min	Top	-326569.3812	-12532758	-4940224	-375510672	-42336738	-120586933
Story1	Comb6 Min	Bottom	40843.6784	-14654972	-5123887	-414077343	-62258012	-217170804
Story1	SERVIS COMBO	Top	48056.7437	-1.6304	-2.4704	74.2051	1068929.2306	-704586.6991
Story1	SERVIS COMBO	Bottom	51935.0816	-0.0015	-0.0005	0.019	1137177.4597	-773763.7123

Table 3.9 - Story Stiffness

Story	Load Case	Shear X kN	Drift X m	Stiffness X kN/m	Shear Y kN	Drift Y m	Stiffness Y kN/m
Story25,68	GEMPA	0	0	0	0	0	0
Story 22,58	GEMPA	0	0	0	0	0	0
Story21,85	GEMPA	0	0	0	0	0	0
Story6	GEMPA	0	0	0	0	0	0
Story5	GEMPA	0	0	0	0	0	0
Story4	GEMPA	0	0	0	0	0	0
Story3	GEMPA	0	0	0	0	0	0
Story2	GEMPA	0	0	0	0	0	0
Story1	GEMPA	0	0	0	0	0	0
Story25,68	GEMPA X	0	0	0	0	0	0
Story 22,58	GEMPA X	0	0	0	0	0	0
Story21,85	GEMPA X	0	0	0	0	0	0
Story6	GEMPA X	0	0	0	0	0	0
Story5	GEMPA X	0	0	0	0	0	0
Story4	GEMPA X	0	0	0	0	0	0
Story3	GEMPA X	0	0	0	0	0	0
Story2	GEMPA X	0	0	0	0	0	0
Story1	GEMPA X	5235.6646	0.012089	433101.493	2482.4224	0.010149	244591.678
Story25,68	GEMPA Y	0	0	0	0	0	0
Story 22,58	GEMPA Y	0	0	0	0	0	0
Story21,85	GEMPA Y	0	0	0	0	0	0
Story6	GEMPA Y	0	0	0	0	0	0
Story5	GEMPA Y	0	0	0	0	0	0
Story4	GEMPA Y	0	0	0	0	0	0
Story3	GEMPA Y	0	0	0	0	0	0
Story2	GEMPA Y	0	0	0	0	0	0
Story1	GEMPA Y	14654972	33.61681	435941.783	5123886.618	24.739282	207115.412
Story25,68	Beban Dorong	0	0	0	0	0	0
Story 22,58	Beban Dorong	0	0	0	0	0	0
Story21,85	Beban Dorong	0	0	0	0	0	0
Story6	Beban Dorong	0	0	0	0	0	0
Story5	Beban Dorong	0	0	0	0	0	0
Story4	Beban Dorong	0	0	0	0	0	0
Story3	Beban Dorong	0	0	0	0	0	0
Story2	Beban Dorong	0	0	0	0	0	0
Story1	Beban Dorong	0.005	0.001238	0	4364.8413	0.009862	442598.076

3.3 Modal Results

Table 3.10 - Modal Periods and Frequencies

Case	Mode	Period sec	Frequency cyc/sec	Circular Frequency rad/sec	Eigenvalue rad ² /sec ²
Modal	1	1.023	0.977	6.1397	37.6965
Modal	2	1.005	0.995	6.2545	39.1191
Modal	3	0.727	1.375	8.6371	74.5997
Modal	4	0.408	2.451	15.4028	237.2463
Modal	5	0.367	2.722	17.1005	292.4273
Modal	6	0.315	3.179	19.9719	398.8751
Modal	7	0.233	4.294	26.9824	728.0508
Modal	8	0.213	4.691	29.4766	868.8677
Modal	9	0.194	5.15	32.358	1047.0431
Modal	10	0.159	6.289	39.5146	1561.4069
Modal	11	0.157	6.383	40.1041	1608.3379
Modal	12	0.15	6.645	41.7502	1743.0819

Table 3.11 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	Sum UX	Sum UY	Sum UZ
Modal	1	1.023	0.0194	0.7451	0	0.0194	0.7451	0
Modal	2	1.005	0.5962	0.0006	0	0.6156	0.7457	0
Modal	3	0.727	0.213	0.101	0	0.8286	0.8467	0
Modal	4	0.408	0.0563	0.1005	0	0.8849	0.9472	0
Modal	5	0.367	0.0271	0.0003	0	0.912	0.9475	0
Modal	6	0.315	0.0542	0.0231	0	0.9662	0.9706	0
Modal	7	0.233	0.0001	0.008	0	0.9662	0.9786	0
Modal	8	0.213	0.0132	0.0001	0	0.9794	0.9786	0
Modal	9	0.194	0.0001	0.0049	0	0.9795	0.9835	0
Modal	10	0.159	0.0003	0.0004	0	0.9798	0.9839	0
Modal	11	0.157	4.504E-05	0.0001	0	0.9799	0.984	0
Modal	12	0.15	0.0037	0.0001	0	0.9836	0.9841	0

Table 3.11 - Modal Participating Mass Ratios (Part 2 of 2)

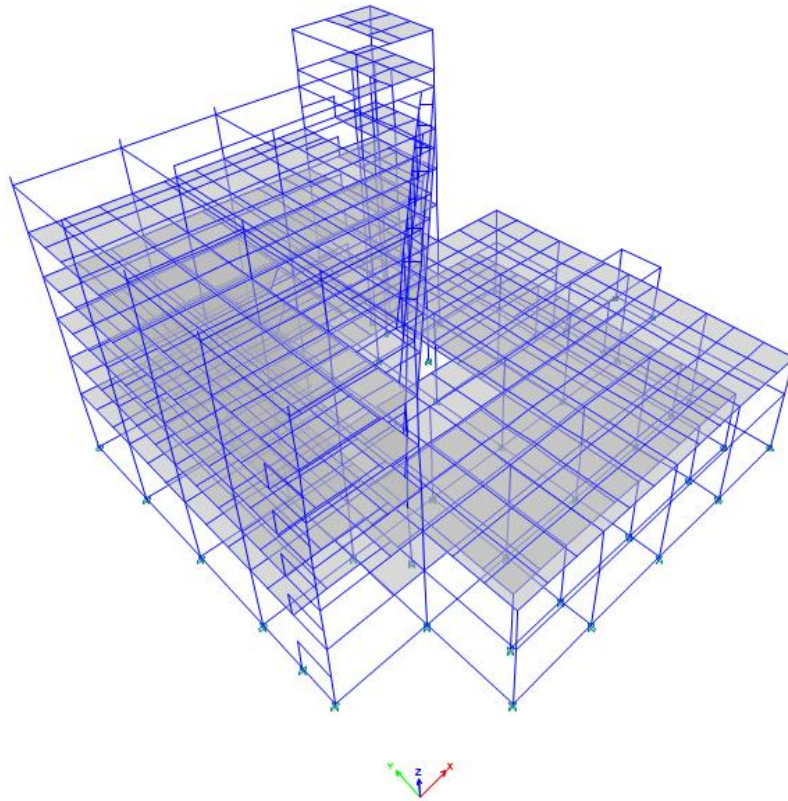
Case	Mode	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
Modal	1	0.2777	0.01	0.0886	0.2777	0.01	0.0886
Modal	2	0.0006	0.3074	0.2737	0.2783	0.3174	0.3623
Modal	3	0.0098	0.0108	0.4102	0.2881	0.3283	0.7725
Modal	4	0.3773	0.1595	0.0182	0.6654	0.4878	0.7907
Modal	5	0.0054	0.0371	0.1719	0.6708	0.5248	0.9626
Modal	6	0.2556	0.3936	0.0001	0.9264	0.9184	0.9626
Modal	7	0.0015	0.0011	0.003	0.9279	0.9195	0.9657
Modal	8	0.0004	0.0045	0.0008	0.9283	0.924	0.9665
Modal	9	0.0091	4.25E-05	0.0084	0.9374	0.9241	0.9749
Modal	10	0.0006	0.0006	0.0002	0.938	0.9247	0.9751
Modal	11	3.143E-05	0.0002	0.0006	0.9381	0.9249	0.9757
Modal	12	0.0025	0.0102	0.001	0.9406	0.9351	0.9767

Table 3.12 - Modal Load Participation Ratios

Case	Item Type	Item	Static %	Dynamic %
Modal	Acceleration	UX	99.98	98.36
Modal	Acceleration	UY	99.98	98.41
Modal	Acceleration	UZ	0	0

Table 3.13 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	1.023	0.029	0.911	0	0.061
Modal	2	1.005	0.788	0.027	0	0.185
Modal	3	0.727	0.248	0.183	0	0.569
Modal	4	0.408	0.315	0.636	0	0.049
Modal	5	0.367	0.169	0.124	0	0.706
Modal	6	0.315	0.581	0.348	0	0.071
Modal	7	0.233	0.004	0.783	0	0.213
Modal	8	0.213	0.907	0.045	0	0.048
Modal	9	0.194	0.1	0.425	0	0.475
Modal	10	0.159	0.226	0.168	0	0.605
Modal	11	0.157	0.04	0.064	0	0.896
Modal	12	0.15	0.777	0.033	0	0.19



Summary Report

Model File: Pemodelan 1, Revision 0
7/21/2018

1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height m	Elevation m	Master Story	Similar To	Splice Story
Story25,68	3.1	26.88	No	None	No
Story 22,58	0.73	23.78	No	None	No
Story21,85	0.57	23.05	No	None	No
Story6	3.47	22.48	No	None	No
Story5	3.42	19.01	No	None	No
Story4	3.42	15.59	No	None	No
Story3	3.42	12.17	No	None	No
Story2	3.42	8.75	No	None	No
Story1	5.33	5.33	No	None	No
Base	0	0	No	None	No

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Patterns

Name	Type	Self Weight Multiplier	Auto Load
Dead	Dead	1	
Live	Live	0	
PT-FINAL	Prestress-Final	0	
PT-TRANSFER	Prestress-Transfer	0	
ADL	Superimposed Dead	0	
GEMPA	Seismic	0	None
Beban Dorong	Seismic	0	User Loads

2.2 Functions

2.2.1 Response Spectrum Functions

Table 2.2 - Response Spectrum Function - User

Name	Period sec	Acceleration	Damping %
RS	0	0.2933	5
RS	0.123	0.7333	
RS	0.15	0.7333	
RS	0.2	0.7333	
RS	0.3	0.7333	
RS	0.4	0.7333	
RS	0.5	0.7333	
RS	0.614	0.7333	
RS	0.75	0.6	
RS	0.8	0.5625	
RS	0.9	0.5	
RS	1	0.45	
RS	2	0.225	
RS	3	0.15	
RS	4	0.1125	
RS	5	0.09	
RS	6	0.075	
RS	7	0.0643	
RS	8	0.0563	
RS	9	0.05	
RS	10	0.045	

2.3 Load Cases

Table 2.3 - Load Cases - Summary

Name	Type
Dead	Linear Static
Live	Linear Static
PT-FINAL	Linear Static
PT-TRANSFER	Linear Static
PT-FINAL-HP	Hyperstatic
ADL	Linear Static
GEMPA	Linear Static

Name	Type
DL	Linear Static
GEMPA X	Response Spectrum
GEMPA Y	Response Spectrum
Beban Dorong	Linear Static
Push Over	Nonlinear Static
Beban Gravitasi Non Linear	Nonlinear Static
D+L	Linear Static

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m
Dead	-0.0009	-0.0003	39966.737	864381.338	-605603.4309	0.0118	0
Live	-0.0003	-0.0001	6552.6575	140818.1272	-98661.1827	0.0039	0
PT-FINAL	0	0	0	0	0	0	0
PT-TRANSFER	0	0	0	0	0	0	0
ADL	-0.0003	-0.0001	9133.8681	195506.1296	-141249.7985	0.0034	0
GEMPA	0	0	0	0	0	0	0
DL	-0.0012	-0.0004	49100.6051	1059887.4676	-746853.2294	0.0151	0
GEMPA X Max	5235.6646	2482.4224	0.0002	33367.7857	77209.7568	149246.3986	0
GEMPA Y Max	14654972	5123886.6179	0.5033	63154735	216563211	414077343	0
Beban Dorong	-3145.3065	-3086.4157	-3.761E-06	48578.7748	-49505.6968	34875.2337	0
Push Over Max	-0.0002	-0.0001	55653.2633	1290767.893	-845514.3935	64655.9779	0
Push Over Min	-5831.1812	-5722.0395	55653.2632	1200705.5979	-937294.4412	0.0032	0
Beban Gravitasi Non Linear Max	-0.0002	-0.0001	55653.2632	1200705.5979	-845514.3935	0.0032	0
Beban Gravitasi Non Linear Min	-0.0002	-0.0001	55653.2632	1200705.5979	-845514.3935	0.0032	0
D+L	-0.0015	-0.0005	55653.2626	1200705.5948	-845514.4121	0.019	0
Comb1	-0.0017	-0.0005	68740.8471	1483842.4546	-1045595	0.0212	0
Comb2	-0.0019	-0.0006	69404.978	1497173.9646	-1054082	0.0243	0
Comb3	-0.0017	-0.0006	65473.3836	1412683.0883	-994885.058	0.022	0
Comb4 GEMPAX Max	5235.6629	2482.4219	65473.3838	1446050.874	-917675.3012	149246.4206	0
Comb4 GEMPAX Min	-5235.6664	-2482.423	65473.3834	1379315.3027	-1072095	-149246.3766	0
Comb4 GEMPAY Max	14654972	5123886.6174	65473.8869	64567418	215568326	414077343	0
Comb4 GEMPAY Min	-14654972	-5123887	65472.8802	-61742052	-217558096	-414077343	0
Comb5 Max	5235.6635	2482.4221	44190.5448	987266.5065	-594958.1497	149246.4122	0
Comb5 Min	-5235.6657	-2482.4228	44190.5444	920530.9352	-749377.6633	-149246.385	0
Comb6 Max	14654972	5123886.6176	44191.0479	64108634	215891043	414077343	0
Comb6 Min	-14654972	-5123887	44190.0412	-62200836	-217235379	-414077343	0
SERVIS COMBO	-0.0015	-0.0005	55653.2626	1200705.5948	-845514.4121	0.019	0

Table 3.1 - Base Reactions (Part 2 of 2)

Load Case/Combo	Y m	Z m
Dead	0	0
Live	0	0
PT-FINAL	0	0
PT-TRANSFER	0	0
ADL	0	0
GEMPA	0	0
DL	0	0
GEMPA X Max	0	0
GEMPA Y Max	0	0
Beban Dorong	0	0
Push Over Max	0	0
Push Over Min	0	0
Beban Gravitasi Non Linear Max	0	0
Beban Gravitasi Non Linear Min	0	0
D+L	0	0
Comb1	0	0
Comb2	0	0
Comb3	0	0

Load Case/Combo	Y m	Z m
Comb4 GEMPAX Max	0	0
Comb4 GEMPAX Min	0	0
Comb4 GEMPAY Max	0	0
Comb4 GEMPAY Min	0	0
Comb5 Max	0	0
Comb5 Min	0	0
Comb6 Max	0	0
Comb6 Min	0	0
SERVIS COMBO	0	0

Table 3.2 - Centers of Mass and Rigidity

Story	Diaphragm	Mass X ton	Mass Y ton	XCM m	YCM m	Cumulative X ton	Cumulative Y ton	XCCM m	YCCM m	XCR m	YCR m
Story3	D3	550.0696	550.0696	10.5079	25.6954	550.0696	550.0696	10.5079	25.6954	15.2275	21.6397
Story4	D4	555.8333	555.8333	10.5294	25.6096	555.8333	555.8333	10.5294	25.6096	14.5804	22.5525
Story5	D5	716.2276	716.2276	11.859	24.5084	716.2276	716.2276	11.859	24.5084	15.5545	21.6919
Story1	D1	1156.3966	1156.3966	17.3869	19.0402	1156.3966	1156.3966	17.3869	19.0402	18.0013	18.3129
Story2	D2	1258.0576	1258.0576	18.083	17.9913	1258.0576	1258.0576	18.083	17.9913	17.3825	19.0725
Story6	D6	235.831	235.831	10.1803	25.4007	235.831	235.831	10.1803	25.4007	15.0753	22.2146

Table 3.3 - Diaphragm Center of Mass Displacements

Story	Diaphragm	Load Case/Combo	UX m	UY m	RZ rad	Point	X m	Y m	Z m
Story6	D6	Dead	0.001602	-0.001681	-9E-06	17	10.1803	25.4007	22.48
Story6	D6	Live	0.000418	-0.000469	-1E-06	17	10.1803	25.4007	22.48
Story6	D6	PT-FINAL	0	0	0	17	10.1803	25.4007	22.48
Story6	D6	PT-TRANSFER	0	0	0	17	10.1803	25.4007	22.48
Story6	D6	ADL	0.000396	-0.00041	-2E-06	17	10.1803	25.4007	22.48
Story6	D6	GEMPA	0	0	0	17	10.1803	25.4007	22.48
Story6	D6	DL	0.001998	-0.002091	-1.1E-05	17	10.1803	25.4007	22.48
Story6	D6	GEMPA X Max	0.04199	0.016174	0.001888	17	10.1803	25.4007	22.48
Story6	D6	GEMPA Y Max	117.884427	17.226656	5.194093	17	10.1803	25.4007	22.48
Story6	D6	Beban Dorong	0.022771	0.025758	-0.000823	17	10.1803	25.4007	22.48
Story6	D6	Push Over Max	0.062046	0.063954	-1.3E-05	17	10.1803	25.4007	22.48
Story6	D6	Push Over Min	0.002493	-0.00267	-0.001932	17	10.1803	25.4007	22.48
Story6	D6	Beban Gravitasi Non Linear Max	0.002493	-0.00267	-1.3E-05	17	10.1803	25.4007	22.48
Story6	D6	Beban Gravitasi Non Linear Min	0.002493	-0.00267	-1.3E-05	17	10.1803	25.4007	22.48
Story6	D6	D+L	0.002416	-0.002559	-1.2E-05	17	10.1803	25.4007	22.48
Story6	D6	Comb1	0.002797	-0.002927	-1.5E-05	17	10.1803	25.4007	22.48
Story6	D6	Comb2	0.003067	-0.003259	-1.4E-05	17	10.1803	25.4007	22.48
Story6	D6	Comb3	0.002816	-0.002978	-1.4E-05	17	10.1803	25.4007	22.48
Story6	D6	Comb4 GEMPAX Max	0.044806	0.013196	0.001874	17	10.1803	25.4007	22.48
Story6	D6	Comb4 GEMPAX Min	-0.039174	-0.019151	-0.001902	17	10.1803	25.4007	22.48
Story6	D6	Comb4 GEMPAY Max	117.887243	17.223679	5.194079	17	10.1803	25.4007	22.48
Story6	D6	Comb4 GEMPAY Min	-117.881611	-17.229634	-5.194107	17	10.1803	25.4007	22.48
Story6	D6	Comb5 Max	0.043788	0.014292	0.001878	17	10.1803	25.4007	22.48
Story6	D6	Comb5 Min	-0.040191	-0.018056	-0.001898	17	10.1803	25.4007	22.48
Story6	D6	Comb6 Max	117.886225	17.224775	5.194083	17	10.1803	25.4007	22.48
Story6	D6	Comb6 Min	-117.882628	-17.228538	-5.194103	17	10.1803	25.4007	22.48
Story6	D6	SERVIS COMBO	0.002416	-0.002559	-1.2E-05	17	10.1803	25.4007	22.48
Story5	D5	Dead	0.001092	-0.001186	-8E-06	24	11.859	24.5084	19.01
Story5	D5	Live	0.000324	-0.00037	-1E-06	24	11.859	24.5084	19.01
Story5	D5	PT-FINAL	0	0	0	24	11.859	24.5084	19.01
Story5	D5	PT-TRANSFER	0	0	0	24	11.859	24.5084	19.01

Story	Diaphragm	Load Case/Combo	UX m	UY m	RZ rad	Point	X m	Y m	Z m
Story5	D5	ADL	0.0003	-0.00032	-2E-06	24	11.859	24.5084	19.01
Story5	D5	GEMPA	0	0	0	24	11.859	24.5084	19.01
Story5	D5	DL	0.001392	-0.001506	-1E-05	24	11.859	24.5084	19.01
Story5	D5	GEMPA X Max	0.037913	0.015145	0.001697	24	11.859	24.5084	19.01
Story5	D5	GEMPA Y Max	106.401914	19.436659	4.663286	24	11.859	24.5084	19.01
Story5	D5	Beban Dorong	0.020642	0.022915	-0.000763	24	11.859	24.5084	19.01
Story5	D5	Push Over Max	0.05665	0.058356	-1E-05	24	11.859	24.5084	19.01
Story5	D5	Push Over Min	0.001759	-0.001919	-0.001847	24	11.859	24.5084	19.01
Story5	D5	Beban Gravitasi Non Linear Max	0.001759	-0.001919	-1E-05	24	11.859	24.5084	19.01
Story5	D5	Beban Gravitasi Non Linear Min	0.001759	-0.001919	-1E-05	24	11.859	24.5084	19.01
Story5	D5	D+L	0.001716	-0.001876	-1E-05	24	11.859	24.5084	19.01
Story5	D5	Comb1	0.001949	-0.002108	-1.4E-05	24	11.859	24.5084	19.01
Story5	D5	Comb2	0.002189	-0.002399	-1.3E-05	24	11.859	24.5084	19.01
Story5	D5	Comb3	0.001995	-0.002177	-1.2E-05	24	11.859	24.5084	19.01
Story5	D5	Comb4 GEMPAX Max	0.039908	0.012968	0.001685	24	11.859	24.5084	19.01
Story5	D5	Comb4 GEMPAX Min	-0.035918	-0.017322	-0.00171	24	11.859	24.5084	19.01
Story5	D5	Comb4 GEMPAY Max	106.403908	19.434482	4.663274	24	11.859	24.5084	19.01
Story5	D5	Comb4 GEMPAY Min	-106.399919	-19.438837	-4.663298	24	11.859	24.5084	19.01
Story5	D5	Comb5 Max	0.039166	0.01379	0.001689	24	11.859	24.5084	19.01
Story5	D5	Comb5 Min	-0.03666	-0.0165	-0.001706	24	11.859	24.5084	19.01
Story5	D5	Comb6 Max	106.403166	19.435304	4.663277	24	11.859	24.5084	19.01
Story5	D5	Comb6 Min	-106.400661	-19.438015	-4.663295	24	11.859	24.5084	19.01
Story5	D5	SERVIS COMBO	0.001716	-0.001876	-1E-05	24	11.859	24.5084	19.01
Story4	D4	Dead	0.000641	-0.000687	-7E-06	25	10.5294	25.6096	15.59
Story4	D4	Live	0.000207	-0.000244	-1E-06	25	10.5294	25.6096	15.59
Story4	D4	PT-FINAL	0	0	0	25	10.5294	25.6096	15.59
Story4	D4	PT-TRANSFER	0	0	0	25	10.5294	25.6096	15.59
Story4	D4	ADL	0.000189	-0.000202	-1E-06	25	10.5294	25.6096	15.59
Story4	D4	GEMPA	0	0	0	25	10.5294	25.6096	15.59
Story4	D4	DL	0.000829	-0.000889	-8E-06	25	10.5294	25.6096	15.59
Story4	D4	GEMPA X Max	0.03447	0.012856	0.001457	25	10.5294	25.6096	15.59
Story4	D4	GEMPA Y Max	96.880385	10.11804	4.00402	25	10.5294	25.6096	15.59
Story4	D4	Beban Dorong	0.020477	0.022691	-0.000574	25	10.5294	25.6096	15.59
Story4	D4	Push Over Max	0.055123	0.058332	-9E-06	25	10.5294	25.6096	15.59
Story4	D4	Push Over Min	0.00105	-0.001142	-0.001566	25	10.5294	25.6096	15.59
Story4	D4	Beban Gravitasi Non Linear Max	0.00105	-0.001142	-9E-06	25	10.5294	25.6096	15.59
Story4	D4	Beban Gravitasi Non Linear Min	0.00105	-0.001142	-9E-06	25	10.5294	25.6096	15.59
Story4	D4	D+L	0.001037	-0.001132	-9E-06	25	10.5294	25.6096	15.59
Story4	D4	Comb1	0.001161	-0.001244	-1.2E-05	25	10.5294	25.6096	15.59
Story4	D4	Comb2	0.001327	-0.001456	-1.1E-05	25	10.5294	25.6096	15.59
Story4	D4	Comb3	0.001203	-0.00131	-1.1E-05	25	10.5294	25.6096	15.59
Story4	D4	Comb4 GEMPAX Max	0.035673	0.011546	0.001447	25	10.5294	25.6096	15.59
Story4	D4	Comb4 GEMPAX Min	-0.033267	-0.014166	-0.001468	25	10.5294	25.6096	15.59
Story4	D4	Comb4 GEMPAY Max	96.881588	10.11673	4.00401	25	10.5294	25.6096	15.59
Story4	D4	Comb4 GEMPAY Min	-96.879182	-10.119351	-4.004031	25	10.5294	25.6096	15.59
Story4	D4	Comb5 Max	0.035217	0.012056	0.00145	25	10.5294	25.6096	15.59
Story4	D4	Comb5 Min	-0.033724	-0.013656	-0.001465	25	10.5294	25.6096	15.59
Story4	D4	Comb6 Max	96.881132	10.11724	4.004013	25	10.5294	25.6096	15.59
Story4	D4	Comb6 Min	-96.879638	-10.11884	-4.004028	25	10.5294	25.6096	15.59
Story4	D4	SERVIS COMBO	0.001037	-0.001132	-9E-06	25	10.5294	25.6096	15.59
Story3	D3	Dead	0.000333	-0.000357	-5E-06	26	10.5079	25.6954	12.17
Story3	D3	Live	0.000117	-0.000145	-4.266E-07	26	10.5079	25.6954	12.17
Story3	D3	PT-FINAL	0	0	0	26	10.5079	25.6954	12.17
Story3	D3	PT-TRANSFER	0	0	0	26	10.5079	25.6954	12.17
Story3	D3	ADL	0.000106	-0.000115	-1E-06	26	10.5079	25.6954	12.17
Story3	D3	GEMPA	0	0	0	26	10.5079	25.6954	12.17

Story	Diaphragm	Load Case/Combo	UX m	UY m	RZ rad	Point	X m	Y m	Z m
Story3	D3	DL	0.000439	-0.000472	-5E-06	26	10.5079	25.6954	12.17
Story3	D3	GEMPA X Max	0.027632	0.010612	0.001121	26	10.5079	25.6954	12.17
Story3	D3	GEMPA Y Max	77.674303	10.061094	3.079733	26	10.5079	25.6954	12.17
Story3	D3	Beban Dorong	0.017448	0.019369	-0.000449	26	10.5079	25.6954	12.17
Story3	D3	Push Over Max	0.047797	0.05155	-6E-06	26	10.5079	25.6954	12.17
Story3	D3	Push Over Min	0.000561	-0.000621	-0.001413	26	10.5079	25.6954	12.17
Story3	D3	Beban Gravitasi Non Linear Max	0.000561	-0.000621	-6E-06	26	10.5079	25.6954	12.17
Story3	D3	Beban Gravitasi Non Linear Min	0.000561	-0.000621	-6E-06	26	10.5079	25.6954	12.17
Story3	D3	D+L	0.000557	-0.000618	-6E-06	26	10.5079	25.6954	12.17
Story3	D3	Comb1	0.000615	-0.000661	-8E-06	26	10.5079	25.6954	12.17
Story3	D3	Comb2	0.000715	-0.0008	-7E-06	26	10.5079	25.6954	12.17
Story3	D3	Comb3	0.000645	-0.000712	-7E-06	26	10.5079	25.6954	12.17
Story3	D3	Comb4 GEMPAX Max	0.028276	0.0099	0.001114	26	10.5079	25.6954	12.17
Story3	D3	Comb4 GEMPAX Min	-0.026987	-0.011325	-0.001128	26	10.5079	25.6954	12.17
Story3	D3	Comb4 GEMPAY Max	77.674948	10.060382	3.079726	26	10.5079	25.6954	12.17
Story3	D3	Comb4 GEMPAY Min	-77.673658	-10.061807	-3.07974	26	10.5079	25.6954	12.17
Story3	D3	Comb5 Max	0.028027	0.010187	0.001116	26	10.5079	25.6954	12.17
Story3	D3	Comb5 Min	-0.027236	-0.011037	-0.001126	26	10.5079	25.6954	12.17
Story3	D3	Comb6 Max	77.674698	10.060669	3.079728	26	10.5079	25.6954	12.17
Story3	D3	Comb6 Min	-77.673907	-10.06152	-3.079738	26	10.5079	25.6954	12.17
Story3	D3	SERVIS COMBO	0.000557	-0.000618	-6E-06	26	10.5079	25.6954	12.17
Story2	D2	Dead	6.1E-05	-0.000123	-3E-06	29	18.083	17.9913	8.75
Story2	D2	Live	3.7E-05	-6.3E-05	-1E-06	29	18.083	17.9913	8.75
Story2	D2	PT-FINAL	0	0	0	29	18.083	17.9913	8.75
Story2	D2	PT-TRANSFER	0	0	0	29	18.083	17.9913	8.75
Story2	D2	ADL	2.9E-05	-4.6E-05	-1E-06	29	18.083	17.9913	8.75
Story2	D2	GEMPA	0	0	0	29	18.083	17.9913	8.75
Story2	D2	DL	9E-05	-0.000169	-4E-06	29	18.083	17.9913	8.75
Story2	D2	GEMPA X Max	0.016085	0.008991	0.000747	29	18.083	17.9913	8.75
Story2	D2	GEMPA Y Max	44.999716	18.384139	2.049368	29	18.083	17.9913	8.75
Story2	D2	Beban Dorong	0.009449	0.011173	-0.000394	29	18.083	17.9913	8.75
Story2	D2	Push Over Max	0.02672	0.031164	-5E-06	29	18.083	17.9913	8.75
Story2	D2	Push Over Min	0.000128	-0.000233	-0.00133	29	18.083	17.9913	8.75
Story2	D2	Beban Gravitasi Non Linear Max	0.000128	-0.000233	-5E-06	29	18.083	17.9913	8.75
Story2	D2	Beban Gravitasi Non Linear Min	0.000128	-0.000233	-5E-06	29	18.083	17.9913	8.75
Story2	D2	D+L	0.000127	-0.000232	-5E-06	29	18.083	17.9913	8.75
Story2	D2	Comb1	0.000126	-0.000237	-6E-06	29	18.083	17.9913	8.75
Story2	D2	Comb2	0.000168	-0.000303	-6E-06	29	18.083	17.9913	8.75
Story2	D2	Comb3	0.000145	-0.000266	-6E-06	29	18.083	17.9913	8.75
Story2	D2	Comb4 GEMPAX Max	0.016231	0.008725	0.000741	29	18.083	17.9913	8.75
Story2	D2	Comb4 GEMPAX Min	-0.01594	-0.009256	-0.000753	29	18.083	17.9913	8.75
Story2	D2	Comb4 GEMPAY Max	44.999862	18.383873	2.049363	29	18.083	17.9913	8.75
Story2	D2	Comb4 GEMPAY Min	-44.999571	-18.384405	-2.049374	29	18.083	17.9913	8.75
Story2	D2	Comb5 Max	0.016166	0.008839	0.000743	29	18.083	17.9913	8.75
Story2	D2	Comb5 Min	-0.016004	-0.009143	-0.000751	29	18.083	17.9913	8.75
Story2	D2	Comb6 Max	44.999798	18.383987	2.049365	29	18.083	17.9913	8.75
Story2	D2	Comb6 Min	-44.999635	-18.384291	-2.049372	29	18.083	17.9913	8.75
Story2	D2	SERVIS COMBO	0.000127	-0.000232	-5E-06	29	18.083	17.9913	8.75
Story1	D1	Dead	4.5E-05	-8.1E-05	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	Live	2.3E-05	-3.7E-05	-2.689E-07	31	17.3869	19.0402	5.33
Story1	D1	PT-FINAL	0	0	0	31	17.3869	19.0402	5.33
Story1	D1	PT-TRANSFER	0	0	0	31	17.3869	19.0402	5.33
Story1	D1	ADL	1.8E-05	-2.9E-05	-3.569E-07	31	17.3869	19.0402	5.33
Story1	D1	GEMPA	0	0	0	31	17.3869	19.0402	5.33
Story1	D1	DL	6.3E-05	-0.000111	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	GEMPA X Max	0.010017	0.005664	0.00046	31	17.3869	19.0402	5.33

Story	Diaphragm	Load Case/Combo	UX m	UY m	RZ rad	Point	X m	Y m	Z m
Story1	D1	GEMPA Y Max	28.052761	11.35464	1.260826	31	17.3869	19.0402	5.33
Story1	D1	Beban Dorong	0.006078	0.007301	-0.000246	31	17.3869	19.0402	5.33
Story1	D1	Push Over Max	0.01967	0.022993	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	Push Over Min	8.6E-05	-0.000147	-0.000962	31	17.3869	19.0402	5.33
Story1	D1	Beban Gravitasi Non Linear Max	8.6E-05	-0.000147	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	Beban Gravitasi Non Linear Min	8.6E-05	-0.000147	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	D+L	8.6E-05	-0.000147	-2E-06	31	17.3869	19.0402	5.33
Story1	D1	Comb1	8.8E-05	-0.000155	-3E-06	31	17.3869	19.0402	5.33
Story1	D1	Comb2	0.000112	-0.000191	-3E-06	31	17.3869	19.0402	5.33
Story1	D1	Comb3	9.8E-05	-0.000169	-3E-06	31	17.3869	19.0402	5.33
Story1	D1	Comb4 GEMPAX Max	0.010115	0.005495	0.000457	31	17.3869	19.0402	5.33
Story1	D1	Comb4 GEMPAX Min	-0.009919	-0.005833	-0.000462	31	17.3869	19.0402	5.33
Story1	D1	Comb4 GEMPAY Max	28.05286	11.354471	1.260823	31	17.3869	19.0402	5.33
Story1	D1	Comb4 GEMPAY Min	-28.052663	-11.354809	-1.260829	31	17.3869	19.0402	5.33
Story1	D1	Comb5 Max	0.010073	0.005564	0.000458	31	17.3869	19.0402	5.33
Story1	D1	Comb5 Min	-0.00996	-0.005763	-0.000461	31	17.3869	19.0402	5.33
Story1	D1	Comb6 Max	28.052818	11.354541	1.260824	31	17.3869	19.0402	5.33
Story1	D1	Comb6 Min	-28.052705	-11.35474	-1.260828	31	17.3869	19.0402	5.33
Story1	D1	SERVIS COMBO	8.6E-05	-0.000147	-2E-06	31	17.3869	19.0402	5.33

Table 3.4 - Diaphragm Accelerations

Story	Diaphragm	Load Case/Combo	UX m/sec ²	UY m/sec ²	UZ m/sec ²	RX rad/sec ²	RY rad/sec ²	RZ rad/sec ²
Story6	D6	GEMPA X Max	2.6605	2.352	0.4047	0.164	0.17	0.114
Story6	D6	GEMPA Y Max	7318.6458	6403.6846	1117.051	448.385	467.757	314.026
Story5	D5	GEMPA X Max	2.2768	2.0016	0.3567	0.135	0.167	0.099
Story5	D5	GEMPA Y Max	6249.8585	5451.5892	983.4723	360.102	450.005	273.861
Story4	D4	GEMPA X Max	2.1254	1.8427	0.3178	0.155	0.152	0.088
Story4	D4	GEMPA Y Max	5844.0486	5003.7793	864.51	420.354	415.018	241.601
Story3	D3	GEMPA X Max	1.6831	1.4849	0.4202	0.174	0.229	0.069
Story3	D3	GEMPA Y Max	4633.7683	4007.3086	1167.815	465.174	634.853	189.873
Story2	D2	GEMPA X Max	1.5229	1.3782	0.2828	0.121	0.147	0.047
Story2	D2	GEMPA Y Max	4219.8273	3702.1479	790.232	329.901	406.278	130.593
Story1	D1	GEMPA X Max	0.9951	1.0964	0.2358	0.194	0.215	0.031
Story1	D1	GEMPA Y Max	2760.3605	2956.6847	654.0432	521.288	595.718	86.006

Table 3.5 - Response Spectrum Modal Information (Part 1 of 2)

Response Spectrum Case	Modal case	Mode	Period sec	Damping Ratio	U1 Acceleration m/sec ²	U2 Acceleration m/sec ²	U3 Acceleration m/sec ²	U1 Amplitude m
GEMPA X	Modal	1	1.023	0.05	1.4566	0.437	0	-0.375697
GEMPA X	Modal	2	1.005	0.05	1.4705	0.4411	0	-2.024536
GEMPA X	Modal	3	0.727	0.05	2.0373	0.6111	0	-0.87919
GEMPA X	Modal	4	0.408	0.05	2.4017	0.7205	0	0.167582
GEMPA X	Modal	5	0.367	0.05	2.4017	0.7205	0	-0.094295
GEMPA X	Modal	6	0.315	0.05	2.4017	0.7205	0	0.097743
GEMPA X	Modal	7	0.233	0.05	2.4017	0.7205	0	0.002004
GEMPA X	Modal	8	0.213	0.05	2.4017	0.7205	0	0.022126
GEMPA X	Modal	9	0.194	0.05	2.4017	0.7205	0	-0.001689
GEMPA X	Modal	10	0.159	0.05	2.4017	0.7205	0	-0.001931
GEMPA X	Modal	11	0.157	0.05	2.4017	0.7205	0	0.000699
GEMPA X	Modal	12	0.15	0.05	2.4017	0.7205	0	-0.005862
GEMPA Y	Modal	1	1.023	0.05	4099.6455	1.3666	0	-1057.392132
GEMPA Y	Modal	2	1.005	0.05	4138.5964	1.3796	0	-5698.024404
GEMPA Y	Modal	3	0.727	0.05	5733.8176	1.9114	0	-2474.467161

Response Spectrum Case	Modal case	Mode	Period sec	Damping Ratio	U1 Acceleration m/sec ²	U2 Acceleration m/sec ²	U3 Acceleration m/sec ²	U1 Amplitude m
GEMPA Y	Modal	4	0.408	0.05	6759.5594	2.2533	0	471.65812
GEMPA Y	Modal	5	0.367	0.05	6759.5594	2.2533	0	-265.392266
GEMPA Y	Modal	6	0.315	0.05	6759.5594	2.2533	0	275.094954
GEMPA Y	Modal	7	0.233	0.05	6759.5594	2.2533	0	5.640574
GEMPA Y	Modal	8	0.213	0.05	6759.5594	2.2533	0	62.27365
GEMPA Y	Modal	9	0.194	0.05	6759.5594	2.2533	0	-4.754542
GEMPA Y	Modal	10	0.159	0.05	6759.5594	2.2533	0	-5.43373
GEMPA Y	Modal	11	0.157	0.05	6759.5594	2.2533	0	1.967404
GEMPA Y	Modal	12	0.15	0.05	6759.5594	2.2533	0	-16.497122

Table 3.5 - Response Spectrum Modal Information (Part 2 of 2)

Response Spectrum Case	Modal case	Mode	U2 Amplitude m	U3 Amplitude m
GEMPA X	Modal	1	0.6986	0
GEMPA X	Modal	2	-0.018779	0
GEMPA X	Modal	3	-0.181788	0
GEMPA X	Modal	4	-0.067208	0
GEMPA X	Modal	5	0.003017	0
GEMPA X	Modal	6	0.019179	0
GEMPA X	Modal	7	-0.00617	0
GEMPA X	Modal	8	-0.000417	0
GEMPA X	Modal	9	0.003346	0
GEMPA X	Modal	10	-0.000638	0
GEMPA X	Modal	11	0.000335	0
GEMPA X	Modal	12	0.000307	0
GEMPA Y	Modal	1	2.184895	0
GEMPA Y	Modal	2	-0.058732	0
GEMPA Y	Modal	3	-0.568549	0
GEMPA Y	Modal	4	-0.210196	0
GEMPA Y	Modal	5	0.009436	0
GEMPA Y	Modal	6	0.059984	0
GEMPA Y	Modal	7	-0.019298	0
GEMPA Y	Modal	8	-0.001305	0
GEMPA Y	Modal	9	0.010466	0
GEMPA Y	Modal	10	-0.001994	0
GEMPA Y	Modal	11	0.001046	0
GEMPA Y	Modal	12	0.000961	0

3.2 Story Results

Table 3.6 - Story Max/Avg Displacements

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story6	Dead	X	0.001694	0.001569	1.079
Story6	Dead	Y	0.001842	0.001718	1.072
Story5	Dead	X	0.001183	0.001069	1.107
Story5	Dead	Y	0.001321	0.001206	1.095
Story4	Dead	X	0.000713	0.000613	1.163
Story4	Dead	Y	0.000814	0.000714	1.14
Story3	Dead	X	0.00038	0.000315	1.207
Story3	Dead	Y	0.00044	0.000375	1.174
Story2	Dead	X	0.000123	6.1E-05	2.011
Story2	Dead	Y	0.000184	0.000122	1.506

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story1	Dead	X	7.5E-05	4.3E-05	1.744
Story1	Dead	Y	0.000127	8.9E-05	1.43
Story6	Live	X	0.000426	0.000415	1.027
Story6	Live	Y	0.000483	0.000472	1.024
Story5	Live	X	0.00033	0.000323	1.023
Story5	Live	Y	0.000379	0.000371	1.02
Story4	Live	X	0.000213	0.000205	1.038
Story4	Live	Y	0.000254	0.000246	1.032
Story3	Live	X	0.000122	0.000116	1.053
Story3	Live	Y	0.000153	0.000147	1.042
Story2	Live	X	4.6E-05	3.7E-05	1.246
Story2	Live	Y	7.2E-05	6.3E-05	1.146
Story1	Live	X	2.7E-05	2.2E-05	1.217
Story1	Live	Y	4.4E-05	3.8E-05	1.154
Story6	ADL	X	0.000421	0.000387	1.088
Story6	ADL	Y	0.000454	0.00042	1.081
Story5	ADL	X	0.000321	0.000295	1.088
Story5	ADL	Y	0.000351	0.000325	1.08
Story4	ADL	X	0.000204	0.000183	1.112
Story4	ADL	Y	0.000228	0.000207	1.099
Story3	ADL	X	0.000115	0.000103	1.122
Story3	ADL	Y	0.000131	0.000119	1.106
Story2	ADL	X	4.2E-05	2.9E-05	1.45
Story2	ADL	Y	5.9E-05	4.6E-05	1.281
Story1	ADL	X	2.4E-05	1.8E-05	1.357
Story1	ADL	Y	3.8E-05	3.1E-05	1.251
Story6	DL	X	0.002115	0.001956	1.081
Story6	DL	Y	0.002296	0.002137	1.074
Story5	DL	X	0.001504	0.001363	1.103
Story5	DL	Y	0.001671	0.001531	1.092
Story4	DL	X	0.000916	0.000796	1.151
Story4	DL	Y	0.001042	0.000921	1.131
Story3	DL	X	0.000495	0.000417	1.186
Story3	DL	Y	0.000571	0.000493	1.157
Story2	DL	X	0.000165	9E-05	1.831
Story2	DL	Y	0.000244	0.000169	1.445
Story1	DL	X	9.9E-05	6.1E-05	1.63
Story1	DL	Y	0.000165	0.000119	1.384
Story6	GEMPA X Max	X	0.055987	0.045155	1.24
Story6	GEMPA X Max	Y	0.040333	0.028213	1.43
Story5	GEMPA X Max	X	0.051296	0.041512	1.236
Story5	GEMPA X Max	Y	0.035723	0.025189	1.418
Story4	GEMPA X Max	X	0.044336	0.036861	1.203
Story4	GEMPA X Max	Y	0.030553	0.021947	1.392
Story3	GEMPA X Max	X	0.0352	0.029313	1.201
Story3	GEMPA X Max	Y	0.023191	0.017197	1.349
Story2	GEMPA X Max	X	0.024972	0.019787	1.262
Story2	GEMPA X Max	Y	0.019354	0.013703	1.412
Story1	GEMPA X Max	X	0.015346	0.012089	1.269
Story1	GEMPA X Max	Y	0.015021	0.010149	1.48
Story6	GEMPA Y Max	X	157.496455	125.617865	1.254
Story6	GEMPA Y Max	Y	109.421429	61.124736	1.79
Story5	GEMPA Y Max	X	144.310657	115.434944	1.25
Story5	GEMPA Y Max	Y	96.704514	53.308221	1.814
Story4	GEMPA Y Max	X	124.707057	102.999856	1.211
Story4	GEMPA Y Max	Y	82.043058	44.463889	1.845

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story3	GEMPA Y Max	X	98.93578	81.778704	1.21
Story3	GEMPA Y Max	Y	61.766071	36.062773	1.713
Story2	GEMPA Y Max	X	70.071243	55.044901	1.273
Story2	GEMPA Y Max	Y	52.90416	32.768574	1.614
Story1	GEMPA Y Max	X	43.027386	33.61681	1.28
Story1	GEMPA Y Max	Y	41.52801	24.739282	1.679
Story6	Beban Dorong	X	0.031492	0.019643	1.603
Story6	Beban Dorong	Y	0.034135	0.022286	1.532
Story5	Beban Dorong	X	0.029415	0.018422	1.597
Story5	Beban Dorong	Y	0.031969	0.020975	1.524
Story4	Beban Dorong	X	0.026441	0.018175	1.455
Story4	Beban Dorong	Y	0.028735	0.02047	1.404
Story3	Beban Dorong	X	0.022078	0.015608	1.415
Story3	Beban Dorong	Y	0.02409	0.01762	1.367
Story2	Beban Dorong	X	0.016538	0.009452	1.75
Story2	Beban Dorong	Y	0.018292	0.011206	1.632
Story1	Beban Dorong	X	0.010255	0.005822	1.762
Story1	Beban Dorong	Y	0.011583	0.006263	1.849
Story6	Push Over Max	X	0.082523	0.054704	1.509
Story6	Push Over Max	Y	0.083622	0.055802	1.499
Story5	Push Over Max	X	0.077875	0.051278	1.519
Story5	Push Over Max	Y	0.080259	0.053662	1.496
Story4	Push Over Max	X	0.071397	0.048843	1.462
Story4	Push Over Max	Y	0.074823	0.05227	1.431
Story3	Push Over Max	X	0.062358	0.04201	1.484
Story3	Push Over Max	Y	0.066399	0.046051	1.442
Story2	Push Over Max	X	0.050662	0.026963	1.879
Story2	Push Over Max	Y	0.055206	0.031275	1.765
Story1	Push Over Max	X	0.035985	0.018893	1.905
Story1	Push Over Max	Y	0.039719	0.020185	1.968
Story6	Push Over Min	X	0.002628	0.002445	1.075
Story6	Push Over Min	Y	0.002907	0.002723	1.067
Story5	Push Over Min	X	0.001876	0.001729	1.085
Story5	Push Over Min	Y	0.002093	0.001945	1.076
Story4	Push Over Min	X	0.001142	0.001015	1.126
Story4	Push Over Min	Y	0.001304	0.001177	1.108
Story3	Push Over Min	X	0.000621	0.000537	1.157
Story3	Push Over Min	Y	0.000729	0.000644	1.131
Story2	Push Over Min	X	0.000212	0.000128	1.656
Story2	Push Over Min	Y	0.000316	0.000232	1.362
Story1	Push Over Min	Y	0.002415	0.00126	1.916
Story6	Beban Gravitasi Non Linear Max	X	0.002628	0.002445	1.075
Story6	Beban Gravitasi Non Linear Max	Y	0.002907	0.002723	1.067
Story5	Beban Gravitasi Non Linear Max	X	0.001876	0.001729	1.085
Story5	Beban Gravitasi Non Linear Max	Y	0.002093	0.001945	1.076
Story4	Beban Gravitasi Non Linear Max	X	0.001142	0.001015	1.126
Story4	Beban Gravitasi Non Linear Max	Y	0.001304	0.001177	1.108
Story3	Beban Gravitasi Non Linear Max	X	0.000621	0.000537	1.157
Story3	Beban Gravitasi Non Linear Max	Y	0.000729	0.000644	1.131
Story2	Beban Gravitasi Non Linear Max	X	0.000212	0.000128	1.656
Story2	Beban Gravitasi Non Linear Max	Y	0.000316	0.000232	1.362
Story1	Beban Gravitasi Non Linear Max	X	0.000126	8.4E-05	1.511
Story1	Beban Gravitasi Non Linear Max	Y	0.000209	0.000157	1.325
Story6	Beban Gravitasi Non Linear Min	X	0.002628	0.002445	1.075
Story6	Beban Gravitasi Non Linear Min	Y	0.002907	0.002723	1.067
Story5	Beban Gravitasi Non Linear Min	X	0.001876	0.001729	1.085

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story5	Beban Gravitasi Non Linear Min	Y	0.002093	0.001945	1.076
Story4	Beban Gravitasi Non Linear Min	X	0.001142	0.001015	1.126
Story4	Beban Gravitasi Non Linear Min	Y	0.001304	0.001177	1.108
Story3	Beban Gravitasi Non Linear Min	X	0.000621	0.000537	1.157
Story3	Beban Gravitasi Non Linear Min	Y	0.000729	0.000644	1.131
Story2	Beban Gravitasi Non Linear Min	X	0.000212	0.000128	1.656
Story2	Beban Gravitasi Non Linear Min	Y	0.000316	0.000232	1.362
Story1	Beban Gravitasi Non Linear Min	X	0.000126	8.4E-05	1.511
Story1	Beban Gravitasi Non Linear Min	Y	0.000209	0.000157	1.325
Story6	D+L	X	0.002541	0.002371	1.072
Story6	D+L	Y	0.002779	0.002609	1.065
Story5	D+L	X	0.001834	0.001686	1.088
Story5	D+L	Y	0.00205	0.001902	1.078
Story4	D+L	X	0.001129	0.001001	1.128
Story4	D+L	Y	0.001295	0.001167	1.11
Story3	D+L	X	0.000617	0.000533	1.157
Story3	D+L	Y	0.000724	0.00064	1.131
Story2	D+L	X	0.000212	0.000127	1.661
Story2	D+L	Y	0.000316	0.000231	1.363
Story1	D+L	X	0.000126	8.3E-05	1.519
Story1	D+L	Y	0.000209	0.000157	1.329
Story6	Comb1	X	0.002961	0.002739	1.081
Story6	Comb1	Y	0.003214	0.002992	1.074
Story5	Comb1	X	0.002106	0.001909	1.103
Story5	Comb1	Y	0.00234	0.002143	1.092
Story4	Comb1	X	0.001283	0.001114	1.151
Story4	Comb1	Y	0.001458	0.00129	1.131
Story3	Comb1	X	0.000693	0.000584	1.186
Story3	Comb1	Y	0.000799	0.000691	1.157
Story2	Comb1	X	0.000231	0.000126	1.831
Story2	Comb1	Y	0.000341	0.000236	1.445
Story1	Comb1	X	0.000139	8.5E-05	1.63
Story1	Comb1	Y	0.000232	0.000167	1.384
Story6	Comb2	X	0.00322	0.003012	1.069
Story6	Comb2	Y	0.003528	0.00332	1.063
Story5	Comb2	X	0.002333	0.002153	1.084
Story5	Comb2	Y	0.002611	0.002431	1.074
Story4	Comb2	X	0.001441	0.001283	1.122
Story4	Comb2	Y	0.001656	0.001499	1.105
Story3	Comb2	X	0.000789	0.000686	1.15
Story3	Comb2	Y	0.00093	0.000827	1.124
Story2	Comb2	X	0.000272	0.000168	1.624
Story2	Comb2	Y	0.000408	0.000303	1.345
Story1	Comb2	X	0.000162	0.000109	1.494
Story1	Comb2	Y	0.000268	0.000204	1.316
Story6	Comb3	X	0.002964	0.002763	1.073
Story6	Comb3	Y	0.003238	0.003037	1.066
Story5	Comb3	X	0.002135	0.001959	1.09
Story5	Comb3	Y	0.002384	0.002208	1.08
Story4	Comb3	X	0.001313	0.00116	1.131
Story4	Comb3	Y	0.001504	0.001351	1.113
Story3	Comb3	X	0.000716	0.000616	1.161
Story3	Comb3	Y	0.000838	0.000739	1.134
Story2	Comb3	X	0.000245	0.000145	1.682
Story2	Comb3	Y	0.000364	0.000265	1.374
Story1	Comb3	X	0.000146	9.5E-05	1.533

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story1	Comb3	Y	0.000242	0.000181	1.336
Story6	Comb4 GEMPAX Max	X	0.058952	0.047963	1.229
Story6	Comb4 GEMPAX Max	Y	0.037094	0.025109	1.477
Story5	Comb4 GEMPAX Max	X	0.053431	0.043494	1.228
Story5	Comb4 GEMPAX Max	Y	0.033338	0.022922	1.454
Story4	Comb4 GEMPAX Max	X	0.045648	0.038059	1.199
Story4	Comb4 GEMPAX Max	Y	0.029049	0.020558	1.413
Story3	Comb4 GEMPAX Max	X	0.035916	0.029954	1.199
Story3	Comb4 GEMPAX Max	Y	0.022352	0.016433	1.36
Story2	Comb4 GEMPAX Max	X	0.025216	0.019958	1.263
Story2	Comb4 GEMPAX Max	Y	0.018989	0.013398	1.417
Story1	Comb4 GEMPAX Max	X	0.015492	0.012194	1.27
Story1	Comb4 GEMPAX Max	Y	0.014779	0.009948	1.486
Story6	Comb4 GEMPAX Min	X	0.053023	0.042348	1.252
Story6	Comb4 GEMPAX Min	Y	0.043571	0.031318	1.391
Story5	Comb4 GEMPAX Min	X	0.049161	0.039524	1.244
Story5	Comb4 GEMPAX Min	Y	0.038107	0.027457	1.388
Story4	Comb4 GEMPAX Min	X	0.043023	0.035662	1.206
Story4	Comb4 GEMPAX Min	Y	0.032056	0.023336	1.374
Story3	Comb4 GEMPAX Min	X	0.034485	0.028672	1.203
Story3	Comb4 GEMPAX Min	Y	0.024029	0.017961	1.338
Story2	Comb4 GEMPAX Min	X	0.024727	0.019613	1.261
Story2	Comb4 GEMPAX Min	Y	0.019718	0.014008	1.408
Story1	Comb4 GEMPAX Min	X	0.0152	0.011982	1.268
Story1	Comb4 GEMPAX Min	Y	0.015263	0.010351	1.475
Story6	Comb4 GEMPAY Max	X	157.499419	125.620655	1.254
Story6	Comb4 GEMPAY Max	Y	109.418191	61.121649	1.79
Story5	Comb4 GEMPAY Max	X	144.312793	115.436927	1.25
Story5	Comb4 GEMPAY Max	Y	96.70213	53.305969	1.814
Story4	Comb4 GEMPAY Max	X	124.70837	103.001032	1.211
Story4	Comb4 GEMPAY Max	Y	82.041555	44.462499	1.845
Story3	Comb4 GEMPAY Max	X	98.936496	81.779332	1.21
Story3	Comb4 GEMPAY Max	Y	61.765233	36.062009	1.713
Story2	Comb4 GEMPAY Max	X	70.071488	55.045066	1.273
Story2	Comb4 GEMPAY Max	Y	52.903796	32.768289	1.614
Story1	Comb4 GEMPAY Max	X	43.027532	33.616916	1.28
Story1	Comb4 GEMPAY Max	Y	41.527768	24.739087	1.679
Story6	Comb4 GEMPAY Min	X	157.493491	125.615075	1.254
Story6	Comb4 GEMPAY Min	Y	109.424668	61.127823	1.79
Story5	Comb4 GEMPAY Min	X	144.308522	115.432962	1.25
Story5	Comb4 GEMPAY Min	Y	96.706898	53.310473	1.814
Story4	Comb4 GEMPAY Min	X	124.705744	102.998679	1.211
Story4	Comb4 GEMPAY Min	Y	82.044562	44.465278	1.845
Story3	Comb4 GEMPAY Min	X	98.935064	81.778077	1.21
Story3	Comb4 GEMPAY Min	Y	61.766909	36.063537	1.713
Story2	Comb4 GEMPAY Min	X	70.070999	55.044736	1.273
Story2	Comb4 GEMPAY Min	Y	52.904524	32.768859	1.614
Story1	Comb4 GEMPAY Min	X	43.02724	33.616705	1.28
Story1	Comb4 GEMPAY Min	Y	41.528252	24.739477	1.679
Story6	Comb5 Max	X	0.057891	0.046948	1.233
Story6	Comb5 Max	Y	0.038267	0.026242	1.458
Story5	Comb5 Max	X	0.05265	0.042756	1.231
Story5	Comb5 Max	Y	0.034219	0.023769	1.44
Story4	Comb5 Max	X	0.04516	0.037604	1.201
Story4	Comb5 Max	Y	0.029615	0.021091	1.404
Story3	Comb5 Max	X	0.035646	0.029706	1.2

Story	Load Case/Combo	Direction	Maximum m	Average m	Ratio
Story3	Comb5 Max	Y	0.022677	0.016735	1.355
Story2	Comb5 Max	X	0.02512	0.019887	1.263
Story2	Comb5 Max	Y	0.019134	0.013524	1.415
Story1	Comb5 Max	X	0.015435	0.01215	1.27
Story1	Comb5 Max	Y	0.014872	0.010028	1.483
Story6	Comb5 Min	X	0.054084	0.043363	1.247
Story6	Comb5 Min	Y	0.042399	0.030185	1.405
Story5	Comb5 Min	X	0.049943	0.040267	1.24
Story5	Comb5 Min	Y	0.037227	0.026609	1.399
Story4	Comb5 Min	X	0.043511	0.036117	1.205
Story4	Comb5 Min	Y	0.03149	0.022803	1.381
Story3	Comb5 Min	X	0.034755	0.02892	1.202
Story3	Comb5 Min	Y	0.023704	0.017658	1.342
Story2	Comb5 Min	X	0.024823	0.019686	1.261
Story2	Comb5 Min	Y	0.019573	0.013882	1.41
Story1	Comb5 Min	X	0.015256	0.012027	1.269
Story1	Comb5 Min	Y	0.01517	0.010271	1.477
Story6	Comb6 Max	X	157.498358	125.619645	1.254
Story6	Comb6 Max	Y	109.419363	61.122776	1.79
Story5	Comb6 Max	X	144.312011	115.436188	1.25
Story5	Comb6 Max	Y	96.70301	53.306812	1.814
Story4	Comb6 Max	X	124.707882	103.000584	1.211
Story4	Comb6 Max	Y	82.042121	44.463033	1.845
Story3	Comb6 Max	X	98.936226	81.779088	1.21
Story3	Comb6 Max	Y	61.765557	36.062312	1.713
Story2	Comb6 Max	X	70.071392	55.044996	1.273
Story2	Comb6 Max	Y	52.903941	32.768408	1.614
Story1	Comb6 Max	X	43.027475	33.616872	1.28
Story1	Comb6 Max	Y	41.527861	24.739165	1.679
Story6	Comb6 Min	X	157.494552	125.616085	1.254
Story6	Comb6 Min	Y	109.423496	61.126695	1.79
Story5	Comb6 Min	X	144.309304	115.4337	1.25
Story5	Comb6 Min	Y	96.706018	53.30963	1.814
Story4	Comb6 Min	X	124.706232	102.999128	1.211
Story4	Comb6 Min	Y	82.043996	44.464745	1.845
Story3	Comb6 Min	X	98.935335	81.778321	1.21
Story3	Comb6 Min	Y	61.766585	36.063235	1.713
Story2	Comb6 Min	X	70.071095	55.044806	1.273
Story2	Comb6 Min	Y	52.904379	32.768739	1.614
Story1	Comb6 Min	X	43.027297	33.616749	1.28
Story1	Comb6 Min	Y	41.528159	24.739399	1.679
Story6	SERVIS COMBO	X	0.002541	0.002371	1.072
Story6	SERVIS COMBO	Y	0.002779	0.002609	1.065
Story5	SERVIS COMBO	X	0.001834	0.001686	1.088
Story5	SERVIS COMBO	Y	0.00205	0.001902	1.078
Story4	SERVIS COMBO	X	0.001129	0.001001	1.128
Story4	SERVIS COMBO	Y	0.001295	0.001167	1.11
Story3	SERVIS COMBO	X	0.000617	0.000533	1.157
Story3	SERVIS COMBO	Y	0.000724	0.00064	1.131
Story2	SERVIS COMBO	X	0.000212	0.000127	1.661
Story2	SERVIS COMBO	Y	0.000316	0.000231	1.363
Story1	SERVIS COMBO	X	0.000126	8.3E-05	1.519
Story1	SERVIS COMBO	Y	0.000209	0.000157	1.329

Table 3.7 - Story Drifts

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story25,68	Dead	X	0.000159	23	28.8	28.8	26.88
Story25,68	Dead	Y	0.000154	22	28.8	36	26.88
Story25,68	Live	X	2.6E-05	23	28.8	28.8	26.88
Story25,68	Live	Y	3.9E-05	32	21.6	36	26.88
Story25,68	ADL	X	3.1E-05	23	28.8	28.8	26.88
Story25,68	ADL	Y	3.6E-05	32	21.6	36	26.88
Story25,68	DL	X	0.00019	23	28.8	28.8	26.88
Story25,68	DL	Y	0.00019	22	28.8	36	26.88
Story25,68	GEMPA X Max	X	0.00104	32	21.6	36	26.88
Story25,68	GEMPA X Max	Y	0.001087	23	28.8	28.8	26.88
Story25,68	GEMPA Y Max	X	2.907013	32	21.6	36	26.88
Story25,68	GEMPA Y Max	Y	2.936931	23	28.8	28.8	26.88
Story25,68	Beban Dorong	X	0.000138	32	21.6	36	26.88
Story25,68	Beban Dorong	Y	9.2E-05	33	21.6	28.8	26.88
Story25,68	Push Over Max	X	0.00011	32	21.6	36	26.88
Story25,68	Push Over Max	Y	3.7E-05	22	28.8	36	26.88
Story25,68	Push Over Min	X	0.000215	23	28.8	28.8	26.88
Story25,68	Push Over Min	Y	0.000238	22	28.8	36	26.88
Story25,68	Beban Gravitasi Non Linear Max	X	0.000215	23	28.8	28.8	26.88
Story25,68	Beban Gravitasi Non Linear Max	Y	0.000238	22	28.8	36	26.88
Story25,68	Beban Gravitasi Non Linear Min	X	0.000215	23	28.8	28.8	26.88
Story25,68	Beban Gravitasi Non Linear Min	Y	0.000238	22	28.8	36	26.88
Story25,68	D+L	X	0.000216	23	28.8	28.8	26.88
Story25,68	D+L	Y	0.000227	22	28.8	36	26.88
Story25,68	Comb1	X	0.000266	23	28.8	28.8	26.88
Story25,68	Comb1	Y	0.000266	22	28.8	36	26.88
Story25,68	Comb2	X	0.000269	23	28.8	28.8	26.88
Story25,68	Comb2	Y	0.000288	22	28.8	36	26.88
Story25,68	Comb3	X	0.000254	23	28.8	28.8	26.88
Story25,68	Comb3	Y	0.000265	22	28.8	36	26.88
Story25,68	Comb4 GEMPAX Max	X	0.000851	32	21.6	36	26.88
Story25,68	Comb4 GEMPAX Max	Y	0.00085	23	28.8	28.8	26.88
Story25,68	Comb4 GEMPAX Min	X	0.001253	22	28.8	36	26.88
Story25,68	Comb4 GEMPAX Min	Y	0.001351	22	28.8	36	26.88
Story25,68	Comb4 GEMPAY Max	X	2.906823	32	21.6	36	26.88
Story25,68	Comb4 GEMPAY Max	Y	2.936693	23	28.8	28.8	26.88
Story25,68	Comb4 GEMPAY Min	X	2.907202	32	21.6	36	26.88
Story25,68	Comb4 GEMPAY Min	Y	2.937169	23	28.8	28.8	26.88
Story25,68	Comb5 Max	X	0.000913	32	21.6	36	26.88
Story25,68	Comb5 Max	Y	0.000934	23	28.8	28.8	26.88
Story25,68	Comb5 Min	X	0.001181	22	28.8	36	26.88
Story25,68	Comb5 Min	Y	0.001256	22	28.8	36	26.88
Story25,68	Comb6 Max	X	2.906886	32	21.6	36	26.88
Story25,68	Comb6 Max	Y	2.936778	23	28.8	28.8	26.88
Story25,68	Comb6 Min	X	2.907139	32	21.6	36	26.88
Story25,68	Comb6 Min	Y	2.937084	23	28.8	28.8	26.88
Story25,68	SERVIS COMBO	X	0.000216	23	28.8	28.8	26.88
Story25,68	SERVIS COMBO	Y	0.000227	22	28.8	36	26.88
Story 22,58	Dead	X	0.000125	33	21.6	28.8	23.78
Story 22,58	Dead	Y	0.000247	5	7.2	28.8	23.78
Story 22,58	Live	X	1.9E-05	225	24.575	33.25	23.78
Story 22,58	Live	Y	3.9E-05	23	28.8	28.8	23.78
Story 22,58	ADL	Y	3.8E-05	23	28.8	28.8	23.78
Story 22,58	DL	X	0.000142	33	21.6	28.8	23.78
Story 22,58	DL	Y	0.000256	5	7.2	28.8	23.78
Story 22,58	GEMPA X Max	X	0.001184	225	24.575	33.25	23.78

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story 22,58	GEMPA X Max	Y	0.001211	219	26.675	31.2	23.78
Story 22,58	GEMPA Y Max	X	3.306756	225	24.575	33.25	23.78
Story 22,58	GEMPA Y Max	Y	3.289994	219	26.675	31.2	23.78
Story 22,58	Beban Dorong	X	0.000453	226	26.675	33.25	23.78
Story 22,58	Beban Dorong	Y	0.000257	8	14.4	28.8	23.78
Story 22,58	Push Over Max	X	0.00101	226	26.675	33.25	23.78
Story 22,58	Push Over Max	Y	0.000471	8	14.4	28.8	23.78
Story 22,58	Push Over Min	Y	0.000279	23	28.8	28.8	23.78
Story 22,58	Beban Gravitasi Non Linear Max	Y	0.000279	23	28.8	28.8	23.78
Story 22,58	Beban Gravitasi Non Linear Min	Y	0.000279	23	28.8	28.8	23.78
Story 22,58	D+L	Y	0.000269	5	7.2	28.8	23.78
Story 22,58	Comb1	X	0.000199	33	21.6	28.8	23.78
Story 22,58	Comb1	Y	0.000358	5	7.2	28.8	23.78
Story 22,58	Comb2	Y	0.000333	23	28.8	28.8	23.78
Story 22,58	Comb3	Y	0.00032	5	7.2	28.8	23.78
Story 22,58	Comb4 GEMPAX Max	X	0.001336	225	24.575	33.25	23.78
Story 22,58	Comb4 GEMPAX Max	Y	0.000954	226	26.675	33.25	23.78
Story 22,58	Comb4 GEMPAX Min	X	0.001097	32	21.6	36	23.78
Story 22,58	Comb4 GEMPAX Min	Y	0.00147	219	26.675	31.2	23.78
Story 22,58	Comb4 GEMPAY Max	X	3.306908	225	24.575	33.25	23.78
Story 22,58	Comb4 GEMPAY Max	Y	3.289736	219	26.675	31.2	23.78
Story 22,58	Comb4 GEMPAY Min	X	3.306604	225	24.575	33.25	23.78
Story 22,58	Comb4 GEMPAY Min	Y	3.290253	219	26.675	31.2	23.78
Story 22,58	Comb5 Max	X	0.001284	225	24.575	33.25	23.78
Story 22,58	Comb5 Max	Y	0.001042	226	26.675	33.25	23.78
Story 22,58	Comb5 Min	X	0.001085	225	24.575	33.25	23.78
Story 22,58	Comb5 Min	Y	0.001381	219	26.675	31.2	23.78
Story 22,58	Comb6 Max	X	3.306856	225	24.575	33.25	23.78
Story 22,58	Comb6 Max	Y	3.289825	219	26.675	31.2	23.78
Story 22,58	Comb6 Min	X	3.306657	225	24.575	33.25	23.78
Story 22,58	Comb6 Min	Y	3.290164	219	26.675	31.2	23.78
Story 22,58	SERVIS COMBO	Y	0.000269	5	7.2	28.8	23.78
Story21,85	Dead	X	0.000402	17	0	36	23.05
Story21,85	Live	X	5.4E-05	2	7.2	7.2	23.05
Story21,85	Live	Y	3.5E-05	22	28.8	36	23.05
Story21,85	ADL	X	5.5E-05	2	7.2	7.2	23.05
Story21,85	ADL	Y	3.3E-05	22	28.8	36	23.05
Story21,85	DL	X	0.000419	17	0	36	23.05
Story21,85	GEMPA X Max	X	0.000976	22	28.8	36	23.05
Story21,85	GEMPA X Max	Y	0.001109	22	28.8	36	23.05
Story21,85	GEMPA Y Max	X	2.727945	22	28.8	36	23.05
Story21,85	GEMPA Y Max	Y	3.006676	22	28.8	36	23.05
Story21,85	Beban Dorong	X	0.000381	17	0	36	23.05
Story21,85	Beban Dorong	Y	0.000397	17	0	36	23.05
Story21,85	Push Over Max	X	0.001156	17	0	36	23.05
Story21,85	Push Over Max	Y	0.000882	1	0	7.2	23.05
Story21,85	Push Over Min	X	0.000443	17	0	36	23.05
Story21,85	Beban Gravitasi Non Linear Max	X	0.000443	17	0	36	23.05
Story21,85	Beban Gravitasi Non Linear Min	X	0.000443	17	0	36	23.05
Story21,85	D+L	X	0.000434	17	0	36	23.05
Story21,85	Comb1	X	0.000587	17	0	36	23.05
Story21,85	Comb2	X	0.000527	17	0	36	23.05
Story21,85	Comb3	X	0.000518	17	0	36	23.05
Story21,85	Comb4 GEMPAX Max	X	0.001428	17	0	36	23.05
Story21,85	Comb4 GEMPAX Max	Y	0.000803	22	28.8	36	23.05
Story21,85	Comb4 GEMPAX Min	X	0.001042	22	28.8	36	23.05

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story21,85	Comb4 GEMPAX Min	Y	0.001416	22	28.8	36	23.05
Story21,85	Comb4 GEMPAY Max	X	2.727879	22	28.8	36	23.05
Story21,85	Comb4 GEMPAY Max	Y	3.00637	22	28.8	36	23.05
Story21,85	Comb4 GEMPAY Min	X	2.728012	22	28.8	36	23.05
Story21,85	Comb4 GEMPAY Min	Y	3.006982	22	28.8	36	23.05
Story21,85	Comb5 Max	X	0.001287	17	0	36	23.05
Story21,85	Comb5 Max	Y	0.000906	22	28.8	36	23.05
Story21,85	Comb5 Min	X	0.001027	22	28.8	36	23.05
Story21,85	Comb5 Min	Y	0.001313	22	28.8	36	23.05
Story21,85	Comb6 Max	X	2.727895	22	28.8	36	23.05
Story21,85	Comb6 Max	Y	3.006473	22	28.8	36	23.05
Story21,85	Comb6 Min	X	2.727996	22	28.8	36	23.05
Story21,85	Comb6 Min	Y	3.00688	22	28.8	36	23.05
Story21,85	SERVIS COMBO	X	0.000434	17	0	36	23.05
Story6	Dead	X	0.000147	32	21.6	36	22.48
Story6	Dead	Y	0.00015	23	28.8	28.8	22.48
Story6	Live	X	2.8E-05	32	21.6	36	22.48
Story6	Live	Y	3E-05	23	28.8	28.8	22.48
Story6	ADL	X	2.9E-05	32	21.6	36	22.48
Story6	ADL	Y	3E-05	23	28.8	28.8	22.48
Story6	DL	X	0.000176	32	21.6	36	22.48
Story6	DL	Y	0.00018	23	28.8	28.8	22.48
Story6	GEMPA X Max	X	0.001433	32	21.6	36	22.48
Story6	GEMPA X Max	Y	0.001402	23	28.8	28.8	22.48
Story6	GEMPA Y Max	X	4.001703	32	21.6	36	22.48
Story6	GEMPA Y Max	Y	3.830662	23	28.8	28.8	22.48
Story6	Beban Dorong	X	0.000599	32	21.6	36	22.48
Story6	Beban Dorong	Y	0.000624	16	0	28.8	22.48
Story6	Push Over Max	X	0.001339	32	21.6	36	22.48
Story6	Push Over Max	Y	0.000969	17	0	36	22.48
Story6	Push Over Min	X	0.000217	32	21.6	36	22.48
Story6	Push Over Min	Y	0.000235	23	28.8	28.8	22.48
Story6	Beban Gravitasi Non Linear Max	X	0.000217	32	21.6	36	22.48
Story6	Beban Gravitasi Non Linear Max	Y	0.000235	23	28.8	28.8	22.48
Story6	Beban Gravitasi Non Linear Min	X	0.000217	32	21.6	36	22.48
Story6	Beban Gravitasi Non Linear Min	Y	0.000235	23	28.8	28.8	22.48
Story6	D+L	X	0.000204	32	21.6	36	22.48
Story6	D+L	Y	0.00021	23	28.8	28.8	22.48
Story6	Comb1	X	0.000246	32	21.6	36	22.48
Story6	Comb1	Y	0.000252	23	28.8	28.8	22.48
Story6	Comb2	X	0.000256	32	21.6	36	22.48
Story6	Comb2	Y	0.000264	23	28.8	28.8	22.48
Story6	Comb3	X	0.000239	32	21.6	36	22.48
Story6	Comb3	Y	0.000246	23	28.8	28.8	22.48
Story6	Comb4 GEMPAX Max	X	0.001672	32	21.6	36	22.48
Story6	Comb4 GEMPAX Max	Y	0.001155	23	28.8	28.8	22.48
Story6	Comb4 GEMPAX Min	X	0.001194	32	21.6	36	22.48
Story6	Comb4 GEMPAX Min	Y	0.001648	23	28.8	28.8	22.48
Story6	Comb4 GEMPAY Max	X	4.001942	32	21.6	36	22.48
Story6	Comb4 GEMPAY Max	Y	3.830415	23	28.8	28.8	22.48
Story6	Comb4 GEMPAY Min	X	4.001464	32	21.6	36	22.48
Story6	Comb4 GEMPAY Min	Y	3.830908	23	28.8	28.8	22.48
Story6	Comb5 Max	X	0.001592	32	21.6	36	22.48
Story6	Comb5 Max	Y	0.001239	23	28.8	28.8	22.48
Story6	Comb5 Min	X	0.001275	32	21.6	36	22.48
Story6	Comb5 Min	Y	0.001564	23	28.8	28.8	22.48

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story6	Comb6 Max	X	4.001861	32	21.6	36	22.48
Story6	Comb6 Max	Y	3.8305	23	28.8	28.8	22.48
Story6	Comb6 Min	X	4.001544	32	21.6	36	22.48
Story6	Comb6 Min	Y	3.830824	23	28.8	28.8	22.48
Story6	SERVIS COMBO	X	0.000204	32	21.6	36	22.48
Story6	SERVIS COMBO	Y	0.00021	23	28.8	28.8	22.48
Story5	Dead	X	0.000138	32	21.6	36	19.01
Story5	Dead	Y	0.000148	23	28.8	28.8	19.01
Story5	Live	X	3.5E-05	2	7.2	7.2	19.01
Story5	Live	Y	3.7E-05	17	0	36	19.01
Story5	ADL	X	3.4E-05	32	21.6	36	19.01
Story5	ADL	Y	3.6E-05	23	28.8	28.8	19.01
Story5	DL	X	0.000172	32	21.6	36	19.01
Story5	DL	Y	0.000184	23	28.8	28.8	19.01
Story5	GEMPA X Max	X	0.002135	32	21.6	36	19.01
Story5	GEMPA X Max	Y	0.001899	23	28.8	28.8	19.01
Story5	GEMPA Y Max	X	5.970631	32	21.6	36	19.01
Story5	GEMPA Y Max	Y	5.296111	23	28.8	28.8	19.01
Story5	Beban Dorong	X	0.00087	32	21.6	36	19.01
Story5	Beban Dorong	Y	0.000945	17	0	36	19.01
Story5	Push Over Max	X	0.001894	32	21.6	36	19.01
Story5	Push Over Max	Y	0.00159	17	0	36	19.01
Story5	Push Over Min	X	0.000725	2	7.2	7.2	19.01
Story5	Push Over Min	Y	0.00106	23	28.8	28.8	19.01
Story5	Beban Gravitasi Non Linear Max	X	0.000215	32	21.6	36	19.01
Story5	Beban Gravitasi Non Linear Max	Y	0.00023	23	28.8	28.8	19.01
Story5	Beban Gravitasi Non Linear Min	X	0.000215	32	21.6	36	19.01
Story5	Beban Gravitasi Non Linear Min	Y	0.00023	23	28.8	28.8	19.01
Story5	D+L	X	0.000206	32	21.6	36	19.01
Story5	D+L	Y	0.000221	23	28.8	28.8	19.01
Story5	Comb1	X	0.000241	32	21.6	36	19.01
Story5	Comb1	Y	0.000258	23	28.8	28.8	19.01
Story5	Comb2	X	0.000261	32	21.6	36	19.01
Story5	Comb2	Y	0.000279	23	28.8	28.8	19.01
Story5	Comb3	X	0.00024	32	21.6	36	19.01
Story5	Comb3	Y	0.000257	23	28.8	28.8	19.01
Story5	Comb4 GEMPAX Max	X	0.002375	32	21.6	36	19.01
Story5	Comb4 GEMPAX Max	Y	0.001642	23	28.8	28.8	19.01
Story5	Comb4 GEMPAX Min	X	0.001894	32	21.6	36	19.01
Story5	Comb4 GEMPAX Min	Y	0.002157	23	28.8	28.8	19.01
Story5	Comb4 GEMPAY Max	X	5.970871	32	21.6	36	19.01
Story5	Comb4 GEMPAY Max	Y	5.295853	23	28.8	28.8	19.01
Story5	Comb4 GEMPAY Min	X	5.97039	32	21.6	36	19.01
Story5	Comb4 GEMPAY Min	Y	5.296368	23	28.8	28.8	19.01
Story5	Comb5 Max	X	0.002289	32	21.6	36	19.01
Story5	Comb5 Max	Y	0.001734	23	28.8	28.8	19.01
Story5	Comb5 Min	X	0.00198	32	21.6	36	19.01
Story5	Comb5 Min	Y	0.002065	23	28.8	28.8	19.01
Story5	Comb6 Max	X	5.970785	32	21.6	36	19.01
Story5	Comb6 Max	Y	5.295945	23	28.8	28.8	19.01
Story5	Comb6 Min	X	5.970476	32	21.6	36	19.01
Story5	Comb6 Min	Y	5.296276	23	28.8	28.8	19.01
Story5	SERVIS COMBO	X	0.000206	32	21.6	36	19.01
Story5	SERVIS COMBO	Y	0.000221	23	28.8	28.8	19.01
Story4	Dead	X	9.7E-05	32	21.6	36	15.59
Story4	Dead	Y	0.000109	23	28.8	28.8	15.59

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story4	Live	X	2.7E-05	32	21.6	36	15.59
Story4	Live	Y	2.9E-05	23	28.8	28.8	15.59
Story4	ADL	X	2.6E-05	32	21.6	36	15.59
Story4	ADL	Y	2.8E-05	23	28.8	28.8	15.59
Story4	DL	X	0.000123	32	21.6	36	15.59
Story4	DL	Y	0.000138	23	28.8	28.8	15.59
Story4	GEMPA X Max	X	0.002755	32	21.6	36	15.59
Story4	GEMPA X Max	Y	0.00228	23	28.8	28.8	15.59
Story4	GEMPA Y Max	X	7.732256	32	21.6	36	15.59
Story4	GEMPA Y Max	Y	6.240152	23	28.8	28.8	15.59
Story4	Beban Dorong	X	0.001276	32	21.6	36	15.59
Story4	Beban Dorong	Y	0.001358	17	0	36	15.59
Story4	Push Over Max	X	0.002643	32	21.6	36	15.59
Story4	Push Over Max	Y	0.002463	17	0	36	15.59
Story4	Push Over Min	X	0.000152	32	21.6	36	15.59
Story4	Push Over Min	Y	0.000168	23	28.8	28.8	15.59
Story4	Beban Gravitasi Non Linear Max	X	0.000152	32	21.6	36	15.59
Story4	Beban Gravitasi Non Linear Max	Y	0.000168	23	28.8	28.8	15.59
Story4	Beban Gravitasi Non Linear Min	X	0.000152	32	21.6	36	15.59
Story4	Beban Gravitasi Non Linear Min	Y	0.000168	23	28.8	28.8	15.59
Story4	D+L	X	0.00015	32	21.6	36	15.59
Story4	D+L	Y	0.000167	23	28.8	28.8	15.59
Story4	Comb1	X	0.000173	32	21.6	36	15.59
Story4	Comb1	Y	0.000193	23	28.8	28.8	15.59
Story4	Comb2	X	0.000191	32	21.6	36	15.59
Story4	Comb2	Y	0.000212	23	28.8	28.8	15.59
Story4	Comb3	X	0.000175	32	21.6	36	15.59
Story4	Comb3	Y	0.000195	23	28.8	28.8	15.59
Story4	Comb4 GEMPAX Max	X	0.00293	32	21.6	36	15.59
Story4	Comb4 GEMPAX Max	Y	0.002085	23	28.8	28.8	15.59
Story4	Comb4 GEMPAX Min	X	0.00258	32	21.6	36	15.59
Story4	Comb4 GEMPAX Min	Y	0.002474	23	28.8	28.8	15.59
Story4	Comb4 GEMPAY Max	X	7.73243	32	21.6	36	15.59
Story4	Comb4 GEMPAY Max	Y	6.239957	23	28.8	28.8	15.59
Story4	Comb4 GEMPAY Min	X	7.732081	32	21.6	36	15.59
Story4	Comb4 GEMPAY Min	Y	6.240346	23	28.8	28.8	15.59
Story4	Comb5 Max	X	0.002866	32	21.6	36	15.59
Story4	Comb5 Max	Y	0.002156	23	28.8	28.8	15.59
Story4	Comb5 Min	X	0.002644	32	21.6	36	15.59
Story4	Comb5 Min	Y	0.002404	23	28.8	28.8	15.59
Story4	Comb6 Max	X	7.732366	32	21.6	36	15.59
Story4	Comb6 Max	Y	6.240028	23	28.8	28.8	15.59
Story4	Comb6 Min	X	7.732145	32	21.6	36	15.59
Story4	Comb6 Min	Y	6.240276	23	28.8	28.8	15.59
Story4	SERVIS COMBO	X	0.00015	32	21.6	36	15.59
Story4	SERVIS COMBO	Y	0.000167	23	28.8	28.8	15.59
Story3	Dead	X	7.5E-05	32	21.6	36	12.17
Story3	Dead	Y	8.2E-05	23	28.8	28.8	12.17
Story3	Live	X	2.3E-05	2	7.2	7.2	12.17
Story3	Live	Y	2.6E-05	17	0	36	12.17
Story3	ADL	X	2.1E-05	32	21.6	36	12.17
Story3	ADL	Y	2.3E-05	23	28.8	28.8	12.17
Story3	DL	X	9.6E-05	32	21.6	36	12.17
Story3	DL	Y	0.000104	23	28.8	28.8	12.17
Story3	GEMPA X Max	X	0.003043	32	21.6	36	12.17
Story3	GEMPA X Max	Y	0.002634	23	28.8	28.8	12.17

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story3	GEMPA Y Max	X	8.559665	32	21.6	36	12.17
Story3	GEMPA Y Max	Y	7.101001	22	28.8	36	12.17
Story3	Beban Dorong	X	0.00162	32	21.6	36	12.17
Story3	Beban Dorong	Y	0.001695	17	0	36	12.17
Story3	Push Over Max	X	0.00342	32	21.6	36	12.17
Story3	Push Over Max	Y	0.003273	17	0	36	12.17
Story3	Push Over Min	X	0.00012	32	21.6	36	12.17
Story3	Push Over Min	Y	0.00013	23	28.8	28.8	12.17
Story3	Beban Gravitasi Non Linear Max	X	0.00012	32	21.6	36	12.17
Story3	Beban Gravitasi Non Linear Max	Y	0.00013	23	28.8	28.8	12.17
Story3	Beban Gravitasi Non Linear Min	X	0.00012	32	21.6	36	12.17
Story3	Beban Gravitasi Non Linear Min	Y	0.00013	23	28.8	28.8	12.17
Story3	D+L	X	0.000118	32	21.6	36	12.17
Story3	D+L	Y	0.000129	23	28.8	28.8	12.17
Story3	Comb1	X	0.000135	32	21.6	36	12.17
Story3	Comb1	Y	0.000146	23	28.8	28.8	12.17
Story3	Comb2	X	0.000151	32	21.6	36	12.17
Story3	Comb2	Y	0.000165	23	28.8	28.8	12.17
Story3	Comb3	X	0.000138	32	21.6	36	12.17
Story3	Comb3	Y	0.00015	23	28.8	28.8	12.17
Story3	Comb4 GEMPAX Max	X	0.003181	32	21.6	36	12.17
Story3	Comb4 GEMPAX Max	Y	0.002484	23	28.8	28.8	12.17
Story3	Comb4 GEMPAX Min	X	0.002905	32	21.6	36	12.17
Story3	Comb4 GEMPAX Min	Y	0.002784	23	28.8	28.8	12.17
Story3	Comb4 GEMPAY Max	X	8.559803	32	21.6	36	12.17
Story3	Comb4 GEMPAY Max	Y	7.100851	22	28.8	36	12.17
Story3	Comb4 GEMPAY Min	X	8.559527	32	21.6	36	12.17
Story3	Comb4 GEMPAY Min	Y	7.101152	22	28.8	36	12.17
Story3	Comb5 Max	X	0.00313	32	21.6	36	12.17
Story3	Comb5 Max	Y	0.00254	23	28.8	28.8	12.17
Story3	Comb5 Min	X	0.002956	32	21.6	36	12.17
Story3	Comb5 Min	Y	0.002728	23	28.8	28.8	12.17
Story3	Comb6 Max	X	8.559752	32	21.6	36	12.17
Story3	Comb6 Max	Y	7.100907	22	28.8	36	12.17
Story3	Comb6 Min	X	8.559578	32	21.6	36	12.17
Story3	Comb6 Min	Y	7.101095	22	28.8	36	12.17
Story3	SERVIS COMBO	X	0.000118	32	21.6	36	12.17
Story3	SERVIS COMBO	Y	0.000129	23	28.8	28.8	12.17
Story2	Dead	X	1.4E-05	32	21.6	36	8.75
Story2	Dead	Y	2E-05	47	36	28.8	8.75
Story2	Live	X	6E-06	32	21.6	36	8.75
Story2	Live	Y	9E-06	47	36	28.8	8.75
Story2	ADL	X	5E-06	32	21.6	36	8.75
Story2	ADL	Y	7E-06	47	36	28.8	8.75
Story2	DL	X	1.9E-05	32	21.6	36	8.75
Story2	DL	Y	2.7E-05	47	36	28.8	8.75
Story2	GEMPA X Max	X	0.002821	32	21.6	36	8.75
Story2	GEMPA X Max	Y	0.002164	21	36	0	8.75
Story2	GEMPA Y Max	X	7.922538	32	21.6	36	8.75
Story2	GEMPA Y Max	Y	5.933169	21	36	0	8.75
Story2	Beban Dorong	X	0.001837	32	21.6	36	8.75
Story2	Beban Dorong	Y	0.001962	17	0	36	8.75
Story2	Push Over Max	X	0.004292	32	21.6	36	8.75
Story2	Push Over Max	Y	0.004529	17	0	36	8.75
Story2	Push Over Min	X	2.5E-05	32	21.6	36	8.75
Story2	Push Over Min	Y	3.7E-05	47	36	28.8	8.75

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story2	Beban Gravitasi Non Linear Max	X	2.5E-05	32	21.6	36	8.75
Story2	Beban Gravitasi Non Linear Max	Y	3.7E-05	47	36	28.8	8.75
Story2	Beban Gravitasi Non Linear Min	X	2.5E-05	32	21.6	36	8.75
Story2	Beban Gravitasi Non Linear Min	Y	3.7E-05	47	36	28.8	8.75
Story2	D+L	X	2.5E-05	32	21.6	36	8.75
Story2	D+L	Y	3.6E-05	47	36	28.8	8.75
Story2	Comb1	X	2.7E-05	32	21.6	36	8.75
Story2	Comb1	Y	3.8E-05	47	36	28.8	8.75
Story2	Comb2	X	3.2E-05	32	21.6	36	8.75
Story2	Comb2	Y	4.7E-05	47	36	28.8	8.75
Story2	Comb3	X	2.9E-05	32	21.6	36	8.75
Story2	Comb3	Y	4.2E-05	47	36	28.8	8.75
Story2	Comb4 GEMPAX Max	X	0.002849	32	21.6	36	8.75
Story2	Comb4 GEMPAX Max	Y	0.002122	21	36	0	8.75
Story2	Comb4 GEMPAX Min	X	0.002792	32	21.6	36	8.75
Story2	Comb4 GEMPAX Min	Y	0.002205	45	36	14.4	8.75
Story2	Comb4 GEMPAY Max	X	7.922567	32	21.6	36	8.75
Story2	Comb4 GEMPAY Max	Y	5.933128	21	36	0	8.75
Story2	Comb4 GEMPAY Min	X	7.922509	32	21.6	36	8.75
Story2	Comb4 GEMPAY Min	Y	5.933211	21	36	0	8.75
Story2	Comb5 Max	X	0.002838	32	21.6	36	8.75
Story2	Comb5 Max	Y	0.002139	45	36	14.4	8.75
Story2	Comb5 Min	X	0.002803	32	21.6	36	8.75
Story2	Comb5 Min	Y	0.002188	21	36	0	8.75
Story2	Comb6 Max	X	7.922555	32	21.6	36	8.75
Story2	Comb6 Max	Y	5.933145	21	36	0	8.75
Story2	Comb6 Min	X	7.92252	32	21.6	36	8.75
Story2	Comb6 Min	Y	5.933194	21	36	0	8.75
Story2	SERVIS COMBO	X	2.5E-05	32	21.6	36	8.75
Story2	SERVIS COMBO	Y	3.6E-05	47	36	28.8	8.75
Story1	Dead	X	1.4E-05	32	21.6	36	5.33
Story1	Dead	Y	2.4E-05	370	43.2	20.1	5.33
Story1	Live	X	5E-06	32	21.6	36	5.33
Story1	Live	Y	8E-06	370	43.2	20.1	5.33
Story1	ADL	X	5E-06	32	21.6	36	5.33
Story1	ADL	Y	7E-06	370	43.2	20.1	5.33
Story1	DL	X	1.9E-05	32	21.6	36	5.33
Story1	DL	Y	3.1E-05	370	43.2	20.1	5.33
Story1	GEMPA X Max	X	0.002879	32	21.6	36	5.33
Story1	GEMPA X Max	Y	0.002818	370	43.2	20.1	5.33
Story1	GEMPA Y Max	X	8.07268	32	21.6	36	5.33
Story1	GEMPA Y Max	Y	7.791371	370	43.2	20.1	5.33
Story1	Beban Dorong	X	0.001924	32	21.6	36	5.33
Story1	Beban Dorong	Y	0.002173	17	0	36	5.33
Story1	Push Over Max	X	0.006751	32	21.6	36	5.33
Story1	Push Over Max	Y	0.007452	17	0	36	5.33
Story1	Push Over Min	Y	0.000453	370	43.2	20.1	5.33
Story1	Beban Gravitasi Non Linear Max	X	2.4E-05	32	21.6	36	5.33
Story1	Beban Gravitasi Non Linear Max	Y	3.9E-05	370	43.2	20.1	5.33
Story1	Beban Gravitasi Non Linear Min	X	2.4E-05	32	21.6	36	5.33
Story1	Beban Gravitasi Non Linear Min	Y	3.9E-05	370	43.2	20.1	5.33
Story1	D+L	X	2.4E-05	32	21.6	36	5.33
Story1	D+L	Y	3.9E-05	370	43.2	20.1	5.33
Story1	Comb1	X	2.6E-05	32	21.6	36	5.33
Story1	Comb1	Y	4.3E-05	370	43.2	20.1	5.33
Story1	Comb2	X	3E-05	32	21.6	36	5.33

Story	Load Case/Combo	Direction	Drift	Label	X m	Y m	Z m
Story1	Comb2	Y	5E-05	370	43.2	20.1	5.33
Story1	Comb3	X	2.7E-05	32	21.6	36	5.33
Story1	Comb3	Y	4.5E-05	370	43.2	20.1	5.33
Story1	Comb4 GEMPAX Max	X	0.002907	32	21.6	36	5.33
Story1	Comb4 GEMPAX Max	Y	0.002773	370	43.2	20.1	5.33
Story1	Comb4 GEMPAX Min	X	0.002852	32	21.6	36	5.33
Story1	Comb4 GEMPAX Min	Y	0.002864	370	43.2	20.1	5.33
Story1	Comb4 GEMPAY Max	X	8.072708	32	21.6	36	5.33
Story1	Comb4 GEMPAY Max	Y	7.791326	370	43.2	20.1	5.33
Story1	Comb4 GEMPAY Min	X	8.072653	32	21.6	36	5.33
Story1	Comb4 GEMPAY Min	Y	7.791417	370	43.2	20.1	5.33
Story1	Comb5 Max	X	0.002896	32	21.6	36	5.33
Story1	Comb5 Max	Y	0.00279	370	43.2	20.1	5.33
Story1	Comb5 Min	X	0.002862	32	21.6	36	5.33
Story1	Comb5 Min	Y	0.002846	370	43.2	20.1	5.33
Story1	Comb6 Max	X	8.072697	32	21.6	36	5.33
Story1	Comb6 Max	Y	7.791344	370	43.2	20.1	5.33
Story1	Comb6 Min	X	8.072664	32	21.6	36	5.33
Story1	Comb6 Min	Y	7.791399	370	43.2	20.1	5.33
Story1	SERVIS COMBO	X	2.4E-05	32	21.6	36	5.33
Story1	SERVIS COMBO	Y	3.9E-05	370	43.2	20.1	5.33

Table 3.8 - Story Forces

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	Dead	Top	33738.8193	-0.82	-1.7553	59.0901	755711.2453	-489347.7654
Story1	Dead	Bottom	37253.4848	-0.0009	-0.0003	0.0118	817755.3754	-552859.4038
Story1	Live	Top	6373.5973	-0.4778	-0.3509	6.5742	137787.5486	-95895.6248
Story1	Live	Bottom	6552.6575	-0.0003	-0.0001	0.0039	140818.1272	-98661.1827
Story1	PT-FINAL	Top	0	0	0	0	0	0
Story1	PT-FINAL	Bottom	0	0	0	0	0	0
Story1	PT-TRANSFER	Top	0	0	0	0	0	0
Story1	PT-TRANSFER	Bottom	0	0	0	0	0	0
Story1	ADL	Top	7944.327	-0.3327	-0.3642	8.5408	175430.4367	-119343.3089
Story1	ADL	Bottom	8128.9393	-0.0003	-0.0001	0.0034	178603.957	-122243.1258
Story1	GEMPA	Top	0	0	0	0	0	0
Story1	GEMPA	Bottom	0	0	0	0	0	0
Story1	DL	Top	41683.1464	-1.1527	-2.1195	67.6309	931141.682	-608691.0743
Story1	DL	Bottom	45382.4241	-0.0012	-0.0004	0.0151	996359.3325	-675102.5296
Story1	GEMPA X Max	Top	144.449	4478.146	2373.2148	135487.6097	21752.0176	42798.8665
Story1	GEMPA X Max	Bottom	0.0002	5235.6646	2482.4224	149246.3986	33367.7857	77209.7568
Story1	GEMPA Y Max	Top	364084.213	12532757	4940221.6435	375510733	43174766	120039111
Story1	GEMPA Y Max	Bottom	0.5033	14654972	5123886.618	414077343	63154735	216563211
Story1	Beban Dorong	Top	39.0898	-2705.0061	-2915.4985	28076.9936	23143.523	-23163.0934
Story1	Beban Dorong	Bottom	-3.761E-06	-3145.3065	-3086.4157	34875.2337	48578.7748	-49505.6968
Story1	Push Over Max	Top	48182.8611	-1.8382	-2.4918	56421.8469	1115593.4753	-705547.5577
Story1	Push Over Max	Bottom	51935.0823	-0.0002	-0.0001	64655.9779	1227239.7578	-773763.6937
Story1	Push Over Min	Top	48112.1624	-5307.1197	-5505.2309	71.375	1069971.5532	-751689.0349
Story1	Push Over Min	Bottom	51935.0823	-5831.1812	-5722.0395	0.0032	1137177.4627	-865543.7414
Story1	Beban Gravitasi Non Linear Max	Top	48112.1624	-1.8382	-2.4918	71.375	1069971.5532	-705547.5577
Story1	Beban Gravitasi Non Linear Max	Bottom	51935.0823	-0.0002	-0.0001	0.0032	1137177.4627	-773763.6937
Story1	Beban Gravitasi Non Linear Min	Top	48112.1624	-1.8382	-2.4918	71.375	1069971.5532	-705547.5577
Story1	Beban Gravitasi Non Linear Min	Bottom	51935.0823	-0.0002	-0.0001	0.0032	1137177.4627	-773763.6937

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Story1	D+L	Top	48056.7437	-1.6304	-2.4704	74.2051	1068929.2306	-704586.6991
Story1	D+L	Bottom	51935.0816	-0.0015	-0.0005	0.019	1137177.4597	-773763.7123
Story1	Comb1	Top	58356.4049	-1.6137	-2.9674	94.6832	1303598.3548	-852167.5041
Story1	Comb1	Bottom	63535.3938	-0.0017	-0.0005	0.0212	1394903.0654	-945143.5414
Story1	Comb2	Top	60217.5313	-2.1476	-3.1049	91.6758	1337830.0962	-883862.2888
Story1	Comb2	Bottom	64943.1609	-0.0019	-0.0006	0.0243	1420940.2025	-967980.9278
Story1	Comb3	Top	56393.3729	-1.8609	-2.8943	87.7313	1255157.567	-826324.914
Story1	Comb3	Bottom	61011.5664	-0.0017	-0.0006	0.022	1336449.3262	-908784.2182
Story1	Comb4 GEMPAX Max	Top	56537.8219	4476.2851	2370.3204	135575.3409	1276909.5847	-783526.0475
Story1	Comb4 GEMPAX Max	Bottom	61011.5666	5235.6629	2482.4219	149246.4206	1369817.1118	-831574.4614
Story1	Comb4 GEMPAX Min	Top	56248.9239	-4480.007	-2376.1091	-135399.8784	1233405.5494	-869123.7805
Story1	Comb4 GEMPAX Min	Bottom	61011.5662	-5235.6664	-2482.423	-149246.3766	1303081.5405	-985993.975
Story1	Comb4 GEMPAY Max	Top	420477.5859	12532755	4940218.7492	375510820	44429923	119212786
Story1	Comb4 GEMPAY Max	Bottom	61012.0698	14654972	5123886.6175	414077343	64491185	215654427
Story1	Comb4 GEMPAY Min	Top	-307690.84	-12532759	-4940225	-375510645	-41919608	-120865436
Story1	Comb4 GEMPAY Min	Bottom	61011.0631	-14654972	-5123887	-414077343	-61818286	-217471996
Story1	Comb5 Max	Top	37659.2808	4477.1086	2371.3072	135548.4775	859779.5314	-505023.1004
Story1	Comb5 Max	Bottom	40844.1819	5235.6635	2482.4221	149246.4122	930091.1849	-530382.5199
Story1	Comb5 Min	Top	37370.3827	-4479.1834	-2375.1224	-135426.7419	816275.4961	-590620.8334
Story1	Comb5 Min	Bottom	40844.1815	-5235.6657	-2482.4228	-149246.385	863355.6135	-684802.0334
Story1	Comb6 Max	Top	401599.0447	12532756	4940219.736	375510793	44012793	119491289
Story1	Comb6 Max	Bottom	40844.6851	14654972	5123886.6177	414077343	64051459	215955619
Story1	Comb6 Min	Top	-326569.3812	-12532758	-4940224	-375510672	-42336738	-120586933
Story1	Comb6 Min	Bottom	40843.6784	-14654972	-5123887	-414077343	-62258012	-217170804
Story1	SERVIS COMBO	Top	48056.7437	-1.6304	-2.4704	74.2051	1068929.2306	-704586.6991
Story1	SERVIS COMBO	Bottom	51935.0816	-0.0015	-0.0005	0.019	1137177.4597	-773763.7123

Table 3.9 - Story Stiffness

Story	Load Case	Shear X kN	Drift X m	Stiffness X kN/m	Shear Y kN	Drift Y m	Stiffness Y kN/m
Story25,68	GEMPA	0	0	0	0	0	0
Story 22,58	GEMPA	0	0	0	0	0	0
Story21,85	GEMPA	0	0	0	0	0	0
Story6	GEMPA	0	0	0	0	0	0
Story5	GEMPA	0	0	0	0	0	0
Story4	GEMPA	0	0	0	0	0	0
Story3	GEMPA	0	0	0	0	0	0
Story2	GEMPA	0	0	0	0	0	0
Story1	GEMPA	0	0	0	0	0	0
Story25,68	GEMPA X	0	0	0	0	0	0
Story 22,58	GEMPA X	0	0	0	0	0	0
Story21,85	GEMPA X	0	0	0	0	0	0
Story6	GEMPA X	0	0	0	0	0	0
Story5	GEMPA X	0	0	0	0	0	0
Story4	GEMPA X	0	0	0	0	0	0
Story3	GEMPA X	0	0	0	0	0	0
Story2	GEMPA X	0	0	0	0	0	0
Story1	GEMPA X	5235.6646	0.012089	433101.493	2482.4224	0.010149	244591.678
Story25,68	GEMPA Y	0	0	0	0	0	0
Story 22,58	GEMPA Y	0	0	0	0	0	0
Story21,85	GEMPA Y	0	0	0	0	0	0
Story6	GEMPA Y	0	0	0	0	0	0
Story5	GEMPA Y	0	0	0	0	0	0
Story4	GEMPA Y	0	0	0	0	0	0

Story	Load Case	Shear X kN	Drift X m	Stiffness X kN/m	Shear Y kN	Drift Y m	Stiffness Y kN/m
Story3	GEMPA Y	0	0	0	0	0	0
Story2	GEMPA Y	0	0	0	0	0	0
Story1	GEMPA Y	14654972	33.61681	435941.783	5123886.618	24.739282	207115.412
Story25,68	Beban Dorong	0	0	0	0	0	0
Story 22,58	Beban Dorong	0	0	0	0	0	0
Story21,85	Beban Dorong	0	0	0	0	0	0
Story6	Beban Dorong	0	0	0	0	0	0
Story5	Beban Dorong	0	0	0	0	0	0
Story4	Beban Dorong	0	0	0	0	0	0
Story3	Beban Dorong	0	0	0	0	0	0
Story2	Beban Dorong	0	0	0	0	0	0
Story1	Beban Dorong	3145.3065	0.005822	540261.522	3086.4157	0.006263	492797.918

3.3 Modal Results

Table 3.10 - Modal Periods and Frequencies

Case	Mode	Period sec	Frequency cyc/sec	Circular Frequency rad/sec	Eigenvalue rad ² /sec ²
Modal	1	1.023	0.977	6.1397	37.6965
Modal	2	1.005	0.995	6.2545	39.1191
Modal	3	0.727	1.375	8.6371	74.5997
Modal	4	0.408	2.451	15.4028	237.2463
Modal	5	0.367	2.722	17.1005	292.4273
Modal	6	0.315	3.179	19.9719	398.8751
Modal	7	0.233	4.294	26.9824	728.0508
Modal	8	0.213	4.691	29.4766	868.8677
Modal	9	0.194	5.15	32.358	1047.0431
Modal	10	0.159	6.289	39.5146	1561.4069
Modal	11	0.157	6.383	40.1041	1608.3379
Modal	12	0.15	6.645	41.7502	1743.0819

Table 3.11 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	Sum UX	Sum UY	Sum UZ
Modal	1	1.023	0.0194	0.7451	0	0.0194	0.7451	0
Modal	2	1.005	0.5962	0.0006	0	0.6156	0.7457	0
Modal	3	0.727	0.213	0.101	0	0.8286	0.8467	0
Modal	4	0.408	0.0563	0.1005	0	0.8849	0.9472	0
Modal	5	0.367	0.0271	0.0003	0	0.912	0.9475	0
Modal	6	0.315	0.0542	0.0231	0	0.9662	0.9706	0
Modal	7	0.233	0.0001	0.008	0	0.9662	0.9786	0
Modal	8	0.213	0.0132	0.0001	0	0.9794	0.9786	0
Modal	9	0.194	0.0001	0.0049	0	0.9795	0.9835	0
Modal	10	0.159	0.0003	0.0004	0	0.9798	0.9839	0
Modal	11	0.157	4.504E-05	0.0001	0	0.9799	0.984	0
Modal	12	0.15	0.0037	0.0001	0	0.9836	0.9841	0

Table 3.11 - Modal Participating Mass Ratios (Part 2 of 2)

Case	Mode	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
Modal	1	0.2777	0.01	0.0886	0.2777	0.01	0.0886
Modal	2	0.0006	0.3074	0.2737	0.2783	0.3174	0.3623
Modal	3	0.0098	0.0108	0.4102	0.2881	0.3283	0.7725

Case	Mode	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
Modal	4	0.3773	0.1595	0.0182	0.6654	0.4878	0.7907
Modal	5	0.0054	0.0371	0.1719	0.6708	0.5248	0.9626
Modal	6	0.2556	0.3936	0.0001	0.9264	0.9184	0.9626
Modal	7	0.0015	0.0011	0.003	0.9279	0.9195	0.9657
Modal	8	0.0004	0.0045	0.0008	0.9283	0.924	0.9665
Modal	9	0.0091	4.25E-05	0.0084	0.9374	0.9241	0.9749
Modal	10	0.0006	0.0006	0.0002	0.938	0.9247	0.9751
Modal	11	3.143E-05	0.0002	0.0006	0.9381	0.9249	0.9757
Modal	12	0.0025	0.0102	0.001	0.9406	0.9351	0.9767

Table 3.12 - Modal Load Participation Ratios

Case	Item Type	Item	Static %	Dynamic %
Modal	Acceleration	UX	99.98	98.36
Modal	Acceleration	UY	99.98	98.41
Modal	Acceleration	UZ	0	0

Table 3.13 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	1.023	0.029	0.911	0	0.061
Modal	2	1.005	0.788	0.027	0	0.185
Modal	3	0.727	0.248	0.183	0	0.569
Modal	4	0.408	0.315	0.636	0	0.049
Modal	5	0.367	0.169	0.124	0	0.706
Modal	6	0.315	0.581	0.348	0	0.071
Modal	7	0.233	0.004	0.783	0	0.213
Modal	8	0.213	0.907	0.045	0	0.048
Modal	9	0.194	0.1	0.425	0	0.475
Modal	10	0.159	0.226	0.168	0	0.605
Modal	11	0.157	0.04	0.064	0	0.896
Modal	12	0.15	0.777	0.033	0	0.19