

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	25	50	0.75(1.4D+1.7L+EY)	Combination	Min	-7.38	-36.53	40536.31	0
Base	25	50	0.9D+EQX	Combination	Max	9.34	4.52	9164.47	0
Base	25	50	0.8D+EQX	Combination	Min	-11.59	-4.48	9104.82	0
Base	25	50	0.9D+EY	Combination	Max	0.62	37.72	9294.98	0
Base	25	50	0.9D+EY	Combination	Min	-2.87	-37.69	8974.31	0
Base	25	50	D+L	Combination	Max	-4.84	0.92	3371.04	0
Base	25	50	D+0.75L+0.75WX	Combination	Max	-3.93	0.8	27816.08	0
Base	25	50	D+0.75L+0.75WX	Combination	Min	-3.79	0.7	27819.93	0
Base	25	50	D+0.75L+0.75(0.7EQX)	Combination	Max	-4.29	-15.87	27864.27	0
Base	25	50	D+0.75L+0.75(0.7EQX)	Combination	Min	-2.88	-20.49	27957.81	0
Base	25	50	D+0.75L+0.75(0.7EQY)	Combination	Min	-4.71	-16.11	27735.76	0
Base	25	50	D+WX	Combination	Max	-1.44	0.15	10144.46	0
Base	25	50	D+0.7EQX	Combination	Max	-1.28	0.02	10149.8	0
Base	25	50	D+0.7EQX	Combination	Min	-6.08	3.17	10170.48	0
Base	25	50	D+0.7EQX	Combination	Min	-8.58	-3.13	10128.73	0
Base	25	50	D+0.7EQY	Combination	Max	-0.03	26.41	10261.84	0
Base	25	50	D+0.7EQY	Combination	Min	-2.47	-26.37	10037.37	0
Base	25	50	0.8D+WX	Combination	Max	-0.94	0.15	8084.62	0
Base	25	50	0.8D+WX	Combination	Min	-0.75	0.01	8087.76	0
Base	25	50	0.8D+0.7EQX	Combination	Max	6.58	3.16	8110.64	0
Base	25	50	0.8D+0.7EQX	Combination	Min	-8.06	-3.14	8088.85	0
Base	25	50	0.8D+0.7EQY	Combination	Max	0.47	26.41	8202	0
Base	25	50	0.8D+0.7EQY	Combination	Min	-1.97	-26.36	8077.63	0
Base	26	52	Dead	LinStatic	Max	-130.35	-205.83	11957.84	0
Base	26	52	LIVE	LinStatic	Max	-362.53	-468.18	25316.85	0
Base	26	52	EQX	LinStatic	Max	-20.53	-1.01	2.09	0
Base	26	52	EQY	LinStatic	Max	0	0	0	0
Base	26	52	EQX	LinRespSpec	Max	1173.70	224.11	36.46	0
Base	26	52	EQY	LinRespSpec	Max	149.18	205.08	312.49	0
Base	26	52	1.4D+1.7L	Combination	Max	-845.39	-1114.68	58689.83	0
Base	26	52	0.8D+WX	Combination	Max	-145.95	-188.26	10044.15	0
Base	26	52	0.8D+WX	Combination	Min	-125.42	-185.25	10042.05	0
Base	26	52	0.75(1.4D+1.7L+1.7WX)	Combination	Max	-660.22	-837.29	43997.39	0
Base	26	52	0.75(1.4D+1.7L+1.7WX)	Combination	Min	-834.04	-1036.01	43984.72	0
Base	26	52	0.75(1.4D+1.7L+EY)	Combination	Max	538.75	-467.9	44031.18	0
Base	26	52	0.75(1.4D+1.7L+EY)	Combination	Min	-1807.83	-1094.12	43958.26	0
Base	26	52	0.75(1.4D+1.7L+EY)	Combination	Max	-484.86	1215.05	44307.21	0
Base	26	52	0.75(1.4D+1.7L+EY)	Combination	Min	-783.22	-2847.07	43682.24	0
Base	26	52	0.9D+EQX	Combination	Max	1048.37	42.86	10078.52	0
Base	26	52	0.9D+EQX	Combination	Min	-1269.21	-413.38	10005.6	0
Base	26	52	0.9D+EQY	Combination	Max	23.76	1865.81	10354.55	0
Base	26	52	0.9D+EQY	Combination	Min	-274.8	-2236.31	9725.57	0
Base	26	52	D+L	Combination	Max	-521.88	-692.02	36474.7	0
Base	26	52	D+0.75L+0.75WX	Combination	Max	-441.65	-571.23	30147.05	0
Base	26	52	D+0.75L+0.75WX	Combination	Min	-426.25	-570.47	30145.48	0
Base	26	52	D+0.75L+0.75(0.7EQX)	Combination	Max	-189.99	-490.72	30154.62	0
Base	26	52	D+0.75L+0.75(0.7EQX)	Combination	Min	-1042.49	-692.23	30128.34	0
Base	26	52	D+0.75L+0.75(0.7EQY)	Combination	Max	-340.23	-506.35	30308.94	0
Base	26	52	D+0.75L+0.75(0.7EQY)	Combination	Min	-504.57	-1647.28	29981.43	0
Base	26	52	D+WX	Combination	Max	-158.89	-206.84	11159.94	0
Base	26	52	D+WX	Combination	Min	-139.35	-205.83	11157.84	0
Base	26	52	D+0.7EQX	Combination	Max	-682.3	-146.16	11183.36	0
Base	26	52	D+0.7EQX	Combination	Min	-961	-365.51	11132.32	0
Base	26	52	D+0.7EQY	Combination	Max	-34.93	1229.91	11376.58	0
Base	26	52	D+0.7EQY	Combination	Min	-243.78	-1641.58	10939.1	0
Base	26	52	0.8D+WX	Combination	Max	-104.14	-124.81	8696.8	0
Base	26	52	0.8D+WX	Combination	Min	-83.61	-123.5	8684.71	0
Base	26	52	0.8D+0.7EQX	Combination	Max	738.04	36.17	8720.23	0

ETABS V20.0.0

Page 261 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	26	52	0.6D+0.7EQX	Combination	Min	-805.26	-283.18	6669.19	0
Base	26	52	0.6D+0.7EQY	Combination	Max	20.82	-152.24	8913.45	0
Base	26	52	0.6D+0.7EQY	Combination	Min	-188.04	-1599.24	8475.97	0
Base	26	56	Dead	LinStatic	Max	-131.41	-23.21	11041.09	0
Base	26	56	LIVE	LinStatic	Max	-368.15	53.99	25037.6	0
Base	26	56	SD	LinStatic	Max	0	0	0	0
Base	26	56	WX	LinStatic	Max	-19.93	0.13	0.89	0
Base	26	56	WY	LinStatic	Max	0	0	0	0
Base	26	56	EQX	LinRespSpec	Max	1155.59	275	4.3	0
Base	26	56	EQY	LinRespSpec	Max	81.81	2455.86	13.87	0
Base	26	56	1.4D+1.7L	Combination	Max	-809.83	124.28	58021.44	0
Base	26	56	0.9D+WX	Combination	Max	-136.2	21.02	9637.87	0
Base	26	56	0.9D+WX	Combination	Min	-118.27	20.89	9936.98	0
Base	26	56	0.75(1.4D+1.7L+1.7WX)	Combination	Max	-832.78	93.38	43517.22	0
Base	26	56	0.75(1.4D+1.7L+1.7WX)	Combination	Min	-807.37	93.21	43516.08	0
Base	26	56	0.75(1.4D+1.7L+EY)	Combination	Max	-1762.98	-181.79	43511.79	0
Base	26	56	0.75(1.4D+1.7L+EY)	Combination	Min	-525.56	2550.07	43529.95	0
Base	26	56	0.75(1.4D+1.7L+EY)	Combination	Max	-495.18	-2372.65	43502.22	0
Base	26	56	0.9D+EQX	Combination	Max	1037.32	295.8	9941.28	0
Base	26	56	0.9D+EQX	Combination	Min	-1273.85	-254.11	9932.69	0
Base	26	56	0.9D+EQY	Combination	Max	-36.46	2486.75	9950.85	0
Base	26	56	0.9D+EQY	Combination	Min	-200.08	-2444.87	9923.12	0
Base	26	56	D+L	Combination	Max	-499.58	77.2	36078.69	0
Base	26	56	D+0.75L+0.75WX	Combination	Max	-422.47	63.8	29919.96	0
Base	26	56	D+0.75L+0.75WX	Combination	Min	-407.52	63.7	29919.29	0
Base	26	56	D+0.75L+0.75(0.7EQX)	Combination	Max	199.16	206.08	29821.55	0
Base	26	56	D+0.75L+0.75(0.7EQX)	Combination	Min	-1014.2	-80.67	29817.03	0
Base	26	56	D+0.75L+0.75(0.7EQY)	Combination	Max	-364.57	1358.28	29826.57	0
Base	26	56	D+0.75L+0.75(0.7EQY)	Combination	Min	-450.47	-1230.87	29812.01	0
Base	26	56	D+0.75L+0.75(0.7EQY)	Combination	Max	-151.34	23.34	11041.96	0
Base	26	56	D+WX	Combination	Max	-131.41	-23.21	11041.09	0
Base	26	56	D+0.7EQX	Combination	Max	677.5	215.72	11044.1	0
Base	26	56	D+0.7EQX	Combination	Min	-940.32	-169.29	11038.08	0
Base	26	56	D+0.7EQY	Combination	Max	-74.14	1749.32	11050.8	0
Base	26	56	D+0.7EQY	Combination	Min	-188.67	-1702.88	11031.39	0
Base	26	56	0.6D+WX	Combination	Max	-96.78	14.06	6625.54	0
Base	26	56	0.6D+WX	Combination	Min	-78.84	13.53	6624.66	0
Base	26	56	0.8D+0.7EQX	Combination	Max	730.07	206.43	6627.66	0
Base	26	56	0.8D+0.7EQX	Combination	Min	-887.75	-176.58	6621.65	0
Base	26	56	0.8D+0.7EQY	Combination	Max	-21.55	1740.03	6634.36	0
Base	26	56	0.8D+0.7EQY	Combination	Min	-136.11	-1712.18	6614.95	0
Base	26	56	0.9D+0.7EQX	Combination	Max	-127.96	12.08	11047.2	0
Base	26	56	Dead	LinStatic	Max	-359.19	21.13	25052.24	0
Base	26	56	LIVE	LinStatic	Max	0	0	0	0
Base	26	56	WX	LinStatic	Max	-20.37	-0.46	1.01	0
Base	26	56	WY	LinStatic	Max	0	0	0	0
Base	26	56	EQX	LinRespSpec	Max	1154.09	270.83	3.17	0
Base	26	56	EQY	LinRespSpec	Max	41.56	2438.02	0.35	0
Base	26	56	1.4D+1.7L	Combination	Max	-789.79	52.83	58054.89	0
Base	26	56	0.9D+WX	Combination	Max	-135.55	10.39	9943.49	0
Base	26	56	0.9D+WX	Combination	Min	-115.19	10.87	9942.48	0
Base	26	56	0.75(1.4D+1.7L+1.7WX)	Combination	Max	-618.31	39.21	43522.46	0
Base	26	56	0.75(1.4D+1.7L+1.7WX)	Combination	Min	-592.55	39.82	43541.17	0
Base	26	56	0.75(1.4D+1.7L+EY)	Combination	Max	-561.75	310.25	43544.34	0
Base	26	56	0.75(1.4D+1.7L+EY)	Combination	Min	-1746.44	-231	43538	0
Base	26	56	0.9D+0.7EQX	Combination	Max	-550.79	2478.64	43541.51	0
Base	26	56	0.9D+0.7EQX	Combination	Min	-533.9	-2396.4	43540.82	0
Base	26	56	0.9D+0.7EQY	Combination	Max	1038.91	281.5	9945.65	0
Base	26	56	0.9D+0.7EQY	Combination	Min	-1269.28	-259.76	9939.31	0

ETABS V20.0.0

Page 262 of 375

วิศวกรผู้ออกแบบงานโครงสร้าง

นายสมภพ เสงจินตย์ชัย วย.1754

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	29	58	0.9D+EQY	Combination	Max	-73.63	2449.89	9942.83	0
Base	29	58	0.9D+EQY	Combination	Min	-159.75	-2428.15	9942.14	0
Base	29	58	D+L	Combination	Max	-487.17	33.21	36099.44	0
Base	29	58	D+0.75L+0.75WX	Combination	Max	-412.65	27.57	29837.14	0
Base	29	58	D+0.75L+0.75WX	Combination	Min	-397.37	27.93	29836.38	0
Base	29	58	D+0.75L+0.75(0.7EQX)	Combination	Max	-208.53	170	29836.05	0
Base	29	58	D+0.75L+0.75(0.7EQX)	Combination	Min	-1003.27	-114.15	29834.72	0
Base	29	58	D+0.75L+0.75(0.7EQY)	Combination	Max	-375.55	1308.41	29836.56	0
Base	29	58	D+0.75L+0.75(0.7EQY)	Combination	Min	-419.19	-1252.58	29836.2	0
Base	29	58	D+WX	Combination	Max	-146.35	11.6	11047.2	0
Base	29	58	D+WX	Combination	Min	-127.98	12.08	11048.2	0
Base	29	58	D+0.7EQX	Combination	Max	-679.89	201.52	11048.42	0
Base	29	58	D+0.7EQX	Combination	Min	-825.85	-177.36	11044.98	0
Base	29	58	D+0.7EQY	Combination	Max	-598.89	1718.39	11047.45	0
Base	29	58	D+0.7EQY	Combination	Min	-157.08	-1695.24	11046.96	0
Base	29	58	0.6D+WX	Combination	Max	-67.16	6.77	6629.33	0
Base	29	58	0.6D+WX	Combination	Min	-76.79	7.25	6628.32	0
Base	29	58	0.6D+0.7EQX	Combination	Max	-731.03	198.68	6630.54	0
Base	29	58	0.6D+0.7EQX	Combination	Min	-884.66	-182.19	6626.1	0
Base	29	58	0.6D+0.7EQY	Combination	Max	-47.7	1714.56	6628.56	0
Base	29	58	0.6D+0.7EQY	Combination	Min	-105.88	-1700.07	6628.08	0
Base	31	62	Dead	LinStatic	Max	-117.72	3.59	11047.3	0
Base	31	62	Live	LinStatic	Max	-316.15	-2.37	25051.83	0
Base	31	62	SDL	LinStatic	0	0	0	0	0
Base	31	62	WX	LinStatic	Max	-22.31	-1.52	1.18	0
Base	31	62	WY	LinStatic	0	0	0	0	0
Base	31	62	EQX	LinRespSpec	Max	1140.69	276.4	7.06	0
Base	31	62	EQY	LinRespSpec	Max	126.16	2446.25	1.71	0
Base	31	62	1.4D+1.7L	Combination	Max	-702.26	1	58054.33	0
Base	31	62	0.9D+WX	Combination	Max	-1128.28	1.71	9943.75	0
Base	31	62	0.9D+WX	Combination	Min	-105.95	3.23	9942.57	0
Base	31	62	0.75(1.4D+1.7L+1.7WX)	Combination	Max	-595.14	1.19	43542.25	0
Base	31	62	0.75(1.4D+1.7L+1.7WX)	Combination	Min	-528.7	0.75	43540.75	0
Base	31	62	0.75(1.4D+1.7L+1.7EQX)	Combination	Max	-622.96	277.15	43545.68	0
Base	31	62	0.75(1.4D+1.7L+1.7EQX)	Combination	Min	-1676.38	-275.85	43533.69	0
Base	31	62	0.75(1.4D+1.7L+1.7EQY)	Combination	Max	-400.55	2447	43542.46	0
Base	31	62	0.75(1.4D+1.7L+1.7EQY)	Combination	Min	-652.85	-2445.5	43539.04	0
Base	31	62	0.9D+EQX	Combination	Max	-1043.73	276.63	9949.82	0
Base	31	62	0.9D+EQX	Combination	Min	-1256.63	-273.17	9935.51	0
Base	31	62	0.9D+EQY	Combination	Max	-205.62	2449.89	9942.83	0
Base	31	62	0.9D+EQY	Combination	Min	-232.1	-2443.02	9940.86	0
Base	31	62	0.9D+EQY	Combination	Max	-433.87	1.22	36099.13	0
Base	31	62	D+0.75L+0.75WX	Combination	Max	-371.57	0.87	29837.05	0
Base	31	62	D+0.75L+0.75WX	Combination	Min	-354.83	1.81	29836.17	0
Base	31	62	D+0.75L+0.75(0.7EQX)	Combination	Max	248.75	146.92	29839.88	0
Base	31	62	D+0.75L+0.75(0.7EQX)	Combination	Min	-854.41	-14.33	29832.47	0
Base	31	62	D+0.75L+0.75(0.7EQY)	Combination	Max	-268.6	1286.09	29837.07	0
Base	31	62	D+0.75L+0.75(0.7EQY)	Combination	Min	-421.05	-1282.47	29835.27	0
Base	31	62	D+WX	Combination	Max	-140.03	2.07	11048.48	0
Base	31	62	D+WX	Combination	Min	-117.72	3.59	11047.3	0
Base	31	62	D+0.7EQX	Combination	Max	887.06	197.07	11052.24	0
Base	31	62	D+0.7EQX	Combination	Min	-922.5	-189.89	11042.36	0
Base	31	62	D+0.7EQY	Combination	Max	-20.41	1715.97	11046.5	0
Base	31	62	D+0.7EQY	Combination	Min	-206.03	-1708.78	11046.1	0
Base	31	62	0.6D+WX	Combination	Max	-82.94	0.64	6629.56	0
Base	31	62	0.6D+WX	Combination	Min	-70.63	2.15	6628.36	0
Base	31	62	0.6D+0.7EQX	Combination	Max	734.14	195.83	6633.32	0
Base	31	62	0.6D+0.7EQX	Combination	Min	-875.41	-191.32	6623.44	0
Base	31	62	0.6D+0.7EQY	Combination	Max	17.87	1714.53	6629.58	0
Base	31	62	0.6D+0.7EQY	Combination	Min	-158.94	-1710.22	6627.18	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	33	66	D=0.75L+0.75WX	Combination		-432.91	-121.25	20372.34	0
Base	33	66	D=0.75L+0.75WX	Combination		-421.73	-286	20184.23	0
Base	33	66	D=0.75L+0.75(0.7EOX)	Combination	Max	72.56	140.67	20235.19	0
Base	33	66	D=0.75L+0.75(0.7EOX)	Combination	Min	-916.01	-712.96	20353.27	0
Base	33	66	D=0.75L+0.75(0.7EOY)	Combination	Max	-400.16	1615.16	20664.58	0
Base	33	66	D=0.75L+0.75(0.7EOY)	Combination	Min	-443.29	-2187.15	19803.39	0
Base	33	66	D=WX	Combination		-157.79	-52.77	11036.08	0
Base	33	66	D=WX	Combination		-142.87	-272.43	10785.25	0
Base	33	66	D=0.7EOX	Combination	Max	516.18	296.46	10853.2	0
Base	33	66	D=0.7EOX	Combination	Min	-260.92	-241.51	10717.3	0
Base	33	66	D=0.7EOY	Combination	Max	-114.12	222.45	11262.36	0
Base	33	66	D=0.7EOY	Combination	Min	-271.62	-2907.3	10276.14	0
Base	33	66	0.6D+WX	Combination		-100.64	56.2	8721.96	0
Base	33	66	0.6D+WX	Combination		-45.72	-163.46	8471.15	0
Base	33	66	0.6D+0.7EOX	Combination	Max	573.33	405.43	6539.1	0
Base	33	66	0.6D+0.7EOX	Combination	Min	-744.77	-732.34	6403.2	0
Base	33	66	0.6D+0.7EOY	Combination	Max	-56.97	2371.42	6978.26	0
Base	33	66	0.6D+0.7EOY	Combination	Min	-114.47	-2698.33	5964.04	0
Base	35	70	Dead	LinStatic		-606.91	404.84	10266.69	0
Base	35	70	Live	LinStatic		-1748.46	65.85	11524.94	0
Base	35	70	SDL	LinStatic		0	0	0	0
Base	35	70	WX	LinStatic		-16.27	-75.76	160.49	0
Base	35	70	WY	LinStatic		0	0	0	0
Base	35	70	EOX	LinRespSpec	Max	667.96	609.19	57.53	0
Base	35	70	EOY	LinRespSpec	Max	190.86	2655.21	672.11	0
Base	35	70	1.4D+1.7L	Combination		-3422.06	678.73	33963.78	0
Base	35	70	0.9D+WX	Combination		-562.49	288.6	9418.51	0
Base	35	70	0.9D+WX	Combination		-546.22	364.36	9258.02	0
Base	35	70	0.75(1.4D+1.7L+1.7WX)	Combination		-2887.3	412.45	25699.95	0
Base	35	70	0.75(1.4D+1.7L+1.7WX)	Combination		-2666.55	509.05	25495.32	0
Base	35	70	0.75(1.4D+1.7L)+EOX	Combination	Max	-1978.59	1116.24	25553.15	0
Base	35	70	0.75(1.4D+1.7L)+EOX	Combination	Min	-3754.5	-100.14	25437.49	0
Base	35	70	0.75(1.4D+1.7L)+EOY	Combination	Max	-2675.59	3364.26	26167.43	0
Base	35	70	0.75(1.4D+1.7L)+EOY	Combination	Min	-3057.51	-2346.16	24823.22	0
Base	35	70	0.9D+EOX	Combination	Max	341.74	973.55	9315.85	0
Base	35	70	0.9D+EOX	Combination	Min	-1434.19	-244.83	9203.19	0
Base	35	70	0.9D+EOY	Combination	Max	-355.26	3219.57	9930.13	0
Base	35	70	0.9D+EOY	Combination	Min	-737.18	-3490.25	8585.92	0
Base	35	70	D=1	Combination		-2355.37	470.7	21611.63	0
Base	35	70	D=0.75L+0.75WX	Combination		-1930.46	397.41	19050.78	0
Base	35	70	D=0.75L+0.75WX	Combination		-1918.26	454.23	18930.39	0
Base	35	70	D=0.75L+0.75(0.7EOX)	Combination	Max	-1452.08	774.06	18967.78	0
Base	35	70	D=0.75L+0.75(0.7EOX)	Combination	Min	-2384.44	134.41	18900.03	0
Base	35	70	D=0.75L+0.75(0.7EOY)	Combination	Max	-1818.01	1953.22	19283.25	0
Base	35	70	D=0.75L+0.75(0.7EOY)	Combination	Min	-2018.51	-1044.75	18577.54	0
Base	35	70	D=WX	Combination		-623.18	329.06	10447.18	0
Base	35	70	D=WX	Combination		-606.91	404.84	10266.69	0
Base	35	70	D=0.7EOX	Combination	Max	14.96	631.26	10273.17	0
Base	35	70	D=0.7EOX	Combination	Min	-1224.48	-21.59	10262.21	0
Base	35	70	D=0.7EOY	Combination	Max	-472.34	2403.48	10757.16	0
Base	35	70	D=0.7EOY	Combination	Min	-740.58	-1593.8	9616.22	0
Base	35	70	0.6D+WX	Combination		-340.42	167.14	6332.6	0
Base	35	70	0.6D+WX	Combination		-364.15	242.91	6172.01	0
Base	35	70	0.6D+0.7EOX	Combination	Max	257.42	668.34	6212.5	0
Base	35	70	0.6D+0.7EOX	Combination	Min	-985.72	-183.53	6131.53	0
Base	35	70	0.6D+0.7EOY	Combination	Max	-230.48	2241.55	6642.49	0
Base	35	70	0.6D+0.7EOY	Combination	Min	-497.82	-1755.74	5701.54	0
Base	36	72	Dead	LinStatic		-1013.72	-431.56	10323.85	0
Base	36	72	Live	LinStatic		-2524.59	57.33	24521.23	0
Base	36	72	SDL	LinStatic		0	0	0	0

ETABS v20.0.0

Page 265 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	36	72	WX	LinStatic		-31.22	4.56	-15.96	0
Base	36	72	WY	LinStatic		0	0	0	0
Base	36	72	EOX	LinRespSpec	Max	1067.46	190.05	287.56	0
Base	36	72	EOY	LinRespSpec	Max	174.9	1948.41	732.47	0
Base	36	72	1.4D+1.7L	Combination		-5711.01	-406.72	56139.48	0
Base	36	72	0.9D+WX	Combination		-843.57	-363.84	9275.5	0
Base	36	72	0.9D+WX	Combination		-827.15	-386.4	9271.47	0
Base	36	72	0.75(1.4D+1.7L+1.7WX)	Combination		-4323.06	374.23	42043.55	0
Base	36	72	0.75(1.4D+1.7L)+EOX	Combination	Max	-3225.79	-169.99	42392.17	0
Base	36	72	0.75(1.4D+1.7L)+EOX	Combination	Min	-5340.72	-570.09	41817.05	0
Base	36	72	0.75(1.4D+1.7L)+EOY	Combination	Max	-4108.35	1568.37	42837.08	0
Base	36	72	0.75(1.4D+1.7L)+EOY	Combination	Min	-4458.16	-2328.45	41372.14	0
Base	36	72	0.9D+EOX	Combination	Max	145.12	-196.35	9579.02	0
Base	36	72	0.9D+EOX	Combination	Min	-1969.81	-576.46	9003.91	0
Base	36	72	0.9D+EOY	Combination	Max	-737.44	1560.01	10023.94	0
Base	36	72	0.9D+EOY	Combination	Min	-1087.25	-2336.82	8599	0
Base	36	72	D=1	Combination		-3638.31	-374.23	34848.08	0
Base	36	72	D=0.75L+0.75WX	Combination		-2930.58	-385.14	28702.8	0
Base	36	72	D=0.75L+0.75(0.7EOX)	Combination	Max	-2907.15	-386.56	28747.1	0
Base	36	72	D=0.75L+0.75(0.7EOX)	Combination	Min	-3462.33	-498.34	28563.81	0
Base	36	72	D=0.75L+0.75(0.7EOY)	Combination	Max	-2815.34	634.36	29099.32	0
Base	36	72	D=0.75L+0.75(0.7EOY)	Combination	Min	-2998.96	-1411.48	28330.23	0
Base	36	72	D=WX	Combination		-1044.94	-427	10037.89	0
Base	36	72	D=WX	Combination		-1013.72	-431.56	10323.85	0
Base	36	72	D=0.7EOX	Combination	Max	-273.5	-298.52	10525.14	0
Base	36	72	D=0.7EOX	Combination	Min	-1753.84	-564.8	10122.56	0
Base	36	72	D=0.7EOY	Combination	Max	-891.29	932.33	10368.58	0
Base	36	72	D=0.7EOY	Combination	Min	-1136.15	-1795.45	9611.12	0
Base	36	72	0.6D+WX	Combination		-639.45	-254.37	6178.35	0
Base	36	72	0.6D+WX	Combination		-608.23	-258.94	6184.31	0
Base	36	72	0.6D+0.7EOX	Combination	Max	131.99	-125.8	6395.6	0
Base	36	72	0.6D+0.7EOX	Combination	Min	-1346.46	-391.97	5993.02	0
Base	36	72	0.6D+0.7EOY	Combination	Max	-485.18	1104.95	6707.04	0
Base	36	72	0.6D+0.7EOY	Combination	Min	-730.66	-1622.82	5681.58	0
Base	37	74	Dead	LinStatic		-604.89	-51.7	9565.63	0
Base	37	74	Live	LinStatic		-1578.37	-11.64	24045.01	0
Base	37	74	SDL	LinStatic		0	0	0	0
Base	37	74	WX	LinStatic		-40.85	-0.04	-15.1	0
Base	37	74	WY	LinStatic		0	0	0	0
Base	37	74	EOX	LinRespSpec	Max	1330.87	6	137.98	0
Base	37	74	EOY	LinRespSpec	Max	162.59	75.48	17.4	0
Base	37	74	1.4D+1.7L	Combination		-3530.07	-27.03	54268.39	0
Base	37	74	0.9D+WX	Combination		-585.05	-4.69	8593.36	0
Base	37	74	0.9D+WX	Combination		-544.4	-6.66	8609.06	0
Base	37	74	0.75(1.4D+1.7L+1.7WX)	Combination		-2699.38	-20.32	40982.04	0
Base	37	74	0.75(1.4D+1.7L)+EOX	Combination		-2647.55	-19.27	40701.3	0
Base	37	74	0.75(1.4D+1.7L)+EOX	Combination	Max	-1316.69	-14.27	40939.28	0
Base	37	74	0.75(1.4D+1.7L)+EOY	Combination	Min	-3978.42	-28.28	40563.31	0
Base	37	74	0.75(1.4D+1.7L)+EOY	Combination	Max	-2484.96	55.2	40718.69	0
Base	37	74	0.75(1.4D+1.7L)+EOY	Combination	Min	-2810.15	-95.75	40883.9	0
Base	37	74	0.9D+EOX	Combination	Max	786.46	1.35	8747.04	0
Base	37	74	0.9D+EOX	Combination	Min	-1875.27	-10.86	8471.08	0
Base	37	74	0.9D+EOY	Combination	Max	-381.81	70.82	8626.46	0
Base	37	74	0.9D+EOY	Combination	Min	-707	-30.14	8591.97	0
Base	37	74	D=1	Combination		-2153.28	-16.81	33610.64	0
Base	37	74	D=0.75L+0.75WX	Combination		-1819.15	-13.33	27598.06	0
Base	37	74	D=0.75L+0.75WX	Combination		-1768.67	-13.9	27599.38	0
Base	37	74	D=0.75L+0.75(0.7EOX)	Combination	Max	-1089.96	-10.75	27871.82	0

ETABS v20.0.0

Page 266 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kg-m
Base	37	74	D=0.75L+0.75(0.7EOX)	Combination	Min	-2487.37	-17.06	27526.84	0
Base	37	74	D=0.75L+0.75(0.7EOY)	Combination	Max	-1703.91	25.72	27606.52	0
Base	37	74	D=0.75L+0.75(0.7EOY)	Combination	Min	-1874.03	-53.53	27590.25	0
Base	37	74	D=WX	Combination		-446.54	-5.21	9550.82	0
Base	37	74	D=WX	Combination		-404.89	-5.17	9565.63	0
Base	37	74	D=0.7EOX	Combination	Max	326.71	-0.97	9692.21	0
Base	37	74	D=0.7EOX	Combination	Min	-1536.5	-3.38	9499.04	0
Base	37	74	D=0.7EOY	Combination	Max	-491.08	47.66	9377.8	0
Base	37	74	D=0.7EOY	Combination	Min	-718.71	-58.01	9553.45	0
Base	37	74	0.6D+WX	Combination		-403.58	-3.14	9724.27	0
Base	37	74	0.6D+WX	Combination		-362.94	-3.1	9739.38	0
Base	37	74	0.6D+0.7EOX	Combination	Max	568.87	1.1	9535.96	0
Base	37	74	0.6D+0.7EOX	Combination	Min	-1294.54	-7	9642.79	0
Base	37	74	0.6D+0.7EOY	Combination	Max	-242.12	26.73	9715.55	0
Base	37	74	0.6D+0.7EOY	Combination	Min	-471.74	-55.54	9727.2	0
Base	39	78	Dead	LinStatic		-600.42	1.18	9665.22	0
Base	39	78	Live	LinStatic		-1567.73	2	20406.38	0
Base	39	78	SDL	LinStatic		0	0	0	0
Base	39	78	WX	LinStatic		-42.75	0.21	-16.49	0
Base	39	78	WY	LinStatic		0	0	0	0
Base	39	78	EOX	LinRespSpec	Max	1377.24	7.27	162.89	0
Base	39	78	EOY	LinRespSpec	Max	100.73	88.21	16.36	0
Base	39	78	1.4D+1.7L	Combination		-3505.74	6.24	54270.13	0
Base	39	78	0.9D+WX	Combination		-583.13	0.27	8992.21	0
Base	39	78	0.9D+WX	Combination		-540.38	1.06	8808.7	0
Base	39	78	0.75(1.4D+1.7L)+1.7WY	Combination		-2893.8	4.95	40881.97	0
Base	39	78	0.75(1.4D+1.7L)+1.7WY	Combination		-2825.9	4.88	40822.8	0
Base	39	78	0.75(1.4D+1.7L)+EOX	Combination	Max	-2525.09	1.94	40955.49	0
Base	39	78	0.75(1.4D+1.7L)+EOX	Combination	Min	-4065.4	-2.59	40539.71	0
Base	39	78	0.75(1.4D+1.7L)+EOY	Combination	Max	-2528.57	90.89	41701.86	0
Base	39	78	0.75(1.4D+1.7L)+EOY	Combination	Min	-2730.03	-81.53	40686.24	0
Base	39	78	0.9D+EOX	Combination	Max	838.86	9.37	8771.59	0
Base	39	78	0.9D+EOX	Combination	Min	-1917.62	-8.21	8445.82	0
Base	39	78	0.9D+EOY	Combination	Max	-439.95	87.27	8625.06	0
Base	39	78	0.9D+EOY	Combination	Min	-641.11	-98.5	8592.35	0
Base	39	78	D=1L	Combination		-2168.15	-35.15	9831.56	0
Base	39	78	D=0.75L+0.75WX	Combination		-1808.28	3.36	27587.63	0
Base	39	78	D=0.75L+0.75WY	Combination		-1778.22	3.2	27600	0
Base	39	78	D=0.75L+0.75(0.7EOX)	Combination	Max	-1023.17	7.02	27685.51	0
Base	39	78	D=0.75L+0.75(0.7EOX)	Combination	Min	-2467.97	-26.81	27146.46	0
Base	39	78	D=0.75L+0.75(0.7EOY)	Combination	Max	-1753.34	48.46	27606.55	0
Base	39	78	D=0.75L+0.75(0.7EOY)	Combination	Min	-1829.11	-44.26	27581.41	0
Base	39	78	D=WX	Combination		-843.17	1.39	9548.73	0
Base	39	78	D=WX	Combination		-600.42	1.18	9665.22	0
Base	39	78	D=0.7EOX	Combination	Max	363.64	6.26	9679.24	0
Base	39	78	D=0.7EOX	Combination	Min	-1564.49	-3.91	9481.21	0
Base	39	78	D=0.7EOY	Combination	Max	-529.91	61.52	9567.67	0
Base	39	78	D=0.7EOY	Combination	Min	-670.94	-59.17	9593.78	0
Base	39	78	0.6D+WX	Combination		-403	0.92	9722.64	0
Base	39	78	0.6D+WX	Combination		-360.25	0.71	9739.13	0
Base	39	78	0.6D+0.7EOX	Combination	Max	603.61	5.79	9853.15	0
Base	39	78	0.6D+0.7EOX	Combination	Min	-1324.32	-43.85	9562.78	0
Base	39	78	0.6D+0.7EOY	Combination	Max	-201.64	61.06	9750.58	0
Base	40	80	D=0.6D+0.7EOY	Combination	Min	-607.77	-59.64	9727.69	0
Base	40	80	Dead	LinStatic		-597.08	-0.94	9665.18	0
Base	40	80	Live	LinStatic		-1559.09	0.31	20406.35	0
Base	40	80	SDL	LinStatic		0	0	0	0
Base	40	80	WX	LinStatic		-44.11	-1.3	-17.54	0
Base	40	80	WY	LinStatic		0	0	0	0
Base	40	80	EOX	LinRespSpec	Max	1423.37	7.08	194.7	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	42	84	D-WX	Combination		-429.43	2.04	9549.01	0
Base	42	84	D-WY	Combination		-585.06	0.76	9565.86	0
Base	42	84	D-0.7EQX	Combination	Max	438.09	5.99	9722.14	0
Base	42	84	D-0.7EQY	Combination	Min	-1603.22	-2.47	9408.18	0
Base	42	84	D-0.7EQX	Combination	Max	-484.07	58.52	9564.48	0
Base	42	84	D-0.7EQY	Combination	Min	-886.06	-57	9566.84	0
Base	42	84	0.6D+WX	Combination		-395.41	1.74	9722.74	0
Base	42	84	0.6D+WY	Combination		-351.04	0.45	9739.4	0
Base	42	84	0.6D+0.7EQX	Combination	Max	672.11	5.99	9695.87	0
Base	42	84	0.6D+0.7EQY	Combination	Min	-1374.19	-4.78	9582.92	0
Base	42	84	0.6D+0.7EQY	Combination	Max	-250.04	58.22	9748.21	0
Base	42	84	0.6D+0.7EQY	Combination	Min	-462.03	-27.31	9730.58	0
Base	42	84	0.6D+0.7EQY	Combination	Min	-587.43	0.16	9566.96	0
Base	43	86	Dead	LinStatic		-1478.84	28.55	24048.13	0
Base	43	86	SDL	LinStatic		0	0	0	0
Base	43	86	WX	LinStatic		-38.75	0.51	-1.14	0
Base	43	86	WY	LinStatic		0	0	0	0
Base	43	86	EQX	LinRespSpec	Max	1316.46	9.48	102.13	0
Base	43	86	EQY	LinRespSpec	Max	157.21	98.23	11.15	0
Base	43	86	1.4D+1.7L	Combination		-3308.51	-2.12	54278.36	0
Base	43	86	0.9D+WX	Combination		-549.44	-0.36	8600.66	0
Base	43	86	0.9D+WY	Combination		-510.69	0.14	8612.07	0
Base	43	86	0.75(1.4D+1.7L+1.7WX)	Combination		-2530.79	-3.73	40694.23	0
Base	43	86	0.75(1.4D+1.7L+1.7WY)	Combination		-2461.38	-3.05	40708.77	0
Base	43	86	0.75(1.4D+1.7L)+EQX	Combination	Min	-1164.92	6.39	4081.09	0
Base	43	86	0.75(1.4D+1.7L)+EQY	Combination	Min	-3797.85	-12.57	40626.85	0
Base	43	86	0.75(1.4D+1.7L)+EQY	Combination	Max	-2324.18	95.15	40719.92	0
Base	43	86	0.75(1.4D+1.7L)+EQY	Combination	Min	-2638.59	-10.32	40697.62	0
Base	43	86	0.9D+EQX	Combination	Max	805.77	6.82	8714.19	0
Base	43	86	0.9D+EQY	Combination	Min	-1927.15	-9.34	8504.94	0
Base	43	86	0.9D+EQY	Combination	Max	-353.49	98.38	8623.22	0
Base	43	86	0.9D+EQY	Combination	Min	-987.9	-98.09	8600.92	0
Base	43	86	D+L	Combination		-2046.32	-2.39	33617.09	0
Base	43	86	D+0.75L+0.75WX	Combination		-1705.96	-2.14	27596.51	0
Base	43	86	D+0.75L+0.75WY	Combination		-1678.6	-1.76	27605.06	0
Base	43	86	D+0.75L+0.75(0.7EQX)	Combination	Max	-985.45	3.22	27658.87	0
Base	43	86	D+0.75L+0.75(0.7EQY)	Combination	Min	-2367.74	-6.73	27551.44	0
Base	43	86	D+0.75L+0.75(0.7EQY)	Combination	Max	-1554.05	-24.92	27610.81	0
Base	43	86	D+0.75L+0.75(0.7EQY)	Combination	Min	-1759.13	-53.33	27599.2	0
Base	43	86	D+0.75L+0.75(0.7EQY)	Combination	Min	-606.18	-0.35	9575.56	0
Base	43	86	D+WY	Combination		-587.43	0.16	9566.96	0
Base	43	86	D+0.7EQX	Combination	Max	354.09	6.79	9640.45	0
Base	43	86	D+0.7EQY	Combination	Min	-1488.96	-6.48	9497.48	0
Base	43	86	D+0.7EQY	Combination	Max	-457.39	68.92	9577.77	0
Base	43	86	D+0.7EQY	Combination	Min	-677.48	-68.61	9561.16	0
Base	43	86	0.8D+WX	Combination		-379.21	-0.41	9729.97	0
Base	43	86	0.8D+WY	Combination		-340.46	0.09	9741.38	0
Base	43	86	0.8D+0.7EQX	Combination	Max	581.06	9.73	9812.87	0
Base	43	86	0.8D+0.7EQY	Combination	Min	-1261.98	-8.54	9689.89	0
Base	43	86	0.8D+0.7EQY	Combination	Max	-230.42	58.86	9749.16	0
Base	43	86	0.8D+0.7EQY	Combination	Min	-450.5	-88.67	9733.57	0
Base	43	86	0.8D+0.7EQY	Combination	Min	-337.76	-14.33	9896.17	0
Base	44	88	Dead	LinStatic		-334.09	-13.13	12116.28	0
Base	44	88	SDL	LinStatic		0	0	0	0
Base	44	88	WX	LinStatic		-18.21	83.99	137.56	0
Base	44	88	WY	LinStatic		0	0	0	0
Base	44	88	EQX	LinRespSpec	Max	962.29	833.59	14.66	0
Base	44	88	EQY	LinRespSpec	Max	84.37	-4965.69	10.89	0
Base	44	88	1.4D+1.7L	Combination		-1852.82	-2.25	34452.28	0
Base	44	88	0.9D+WX	Combination		-304.2	96.86	9044.11	0

ETABS v20.0.0

Page 269 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	44	88	0.9D+WX	Combination		-285.99	12.9	8906.55	0
Base	44	88	0.75(1.4D+1.7L+1.7WX)	Combination		-1420.34	105.39	26014.6	0
Base	44	88	0.75(1.4D+1.7L+1.7WY)	Combination		-1397.12	-1.69	25892.21	0
Base	44	88	0.75(1.4D+1.7L)+EQX	Combination	Max	-434.82	831.9	25853.87	0
Base	44	88	0.75(1.4D+1.7L)+EQY	Combination	Min	-2359.41	-435.28	25824.55	0
Base	44	88	0.75(1.4D+1.7L)+EQY	Combination	Max	-1312.74	4963.96	25850.1	0
Base	44	88	0.75(1.4D+1.7L)+EQY	Combination	Min	-1481.49	-4967.33	25828.32	0
Base	44	88	0.9D+EQX	Combination	Max	676.51	14.33	8956.17	0
Base	44	88	0.9D+EQY	Combination	Min	-1248.28	-830.69	8951.89	0
Base	44	88	0.9D+EQY	Combination	Max	-201.61	4878.54	8917.44	0
Base	44	88	0.9D+EQY	Combination	Min	-370.38	-4952.75	8956.68	0
Base	44	88	D+L	Combination		-1151.85	1.21	22012.43	0
Base	44	88	D+0.75L+0.75WX	Combination		-956.99	67.48	19066.53	0
Base	44	88	D+0.75L+0.75WY	Combination		-943.33	4.49	19063.36	0
Base	44	88	D+0.75L+0.75(0.7EQX)	Combination	Max	-436.13	442.12	18991.06	0
Base	44	88	D+0.75L+0.75(0.7EQY)	Combination	Min	-1448.53	-433.15	18975.87	0
Base	44	88	D+0.75L+0.75(0.7EQY)	Combination	Max	-899.03	2611.45	18969.06	0
Base	44	88	D+0.75L+0.75(0.7EQY)	Combination	Min	-987.83	-2602.48	18973.65	0
Base	44	88	D+WX	Combination		-335.98	98.32	10033.73	0
Base	44	88	D+WY	Combination		-217.76	14.33	9596.17	0
Base	44	88	D+0.7EQX	Combination	Max	355.84	597.84	9593.43	0
Base	44	88	D+0.7EQY	Combination	Min	-991.37	-596.16	9585.91	0
Base	44	88	D+0.7EQY	Combination	Max	-255.7	3490.25	9503.79	0
Base	44	88	D+0.7EQY	Combination	Min	-378.82	-3461.82	9585.54	0
Base	44	88	0.8D+WX	Combination		-208.87	92.58	9072.58	0
Base	44	88	0.8D+WY	Combination		-190.66	6.6	9637.7	0
Base	44	88	0.8D+0.7EQX	Combination	Max	482.96	592.11	9471.86	0
Base	44	88	0.8D+0.7EQY	Combination	Min	-664.26	-574.91	9527.44	0
Base	44	88	0.8D+0.7EQY	Combination	Max	-131.6	3484.55	9545.32	0
Base	44	88	0.8D+0.7EQY	Combination	Min	-249.72	-3467.35	9590.08	0
Base	45	90	Dead	LinStatic		5955.18	353.23	10987.3	0
Base	45	90	Live	LinStatic		14729.33	140.99	12262.55	0
Base	45	90	SDL	LinStatic		0	0	0	0
Base	45	90	WX	LinStatic		-0.35	-5.34	-0.92	0
Base	45	90	WY	LinStatic		0	0	0	0
Base	45	90	EQX	LinRespSpec	Max	112.84	257.9	113.73	0
Base	45	90	EQY	LinRespSpec	Max	47.3	1839.78	1506.95	0
Base	45	90	1.4D+1.7L	Combination		3337.12	734.19	36228.57	0
Base	45	90	0.9D+WX	Combination		5352.71	312.56	9887.66	0
Base	45	90	0.9D+WY	Combination		5359.68	317.9	9885.57	0
Base	45	90	0.75(1.4D+1.7L+1.7WX)	Combination		25023.97	543.84	27170.28	0
Base	45	90	0.75(1.4D+1.7L+1.7WY)	Combination		25032.84	550.65	27171.42	0
Base	45	90	0.75(1.4D+1.7L)+EQX	Combination	Max	25145.67	808.55	27265.15	0
Base	45	90	0.75(1.4D+1.7L)+EQY	Combination	Min	24920	292.74	27057.69	0
Base	45	90	0.75(1.4D+1.7L)+EQY	Combination	Max	25080.13	2390.4	26878.38	0
Base	45	90	0.75(1.4D+1.7L)+EQY	Combination	Min	24695.54	-1289.11	26864.47	0
Base	45	90	0.9D+EQX	Combination	Max	5472.5	575.8	10002.3	0
Base	45	90	0.9D+EQY	Combination	Min	5248.83	80	9774.54	0
Base	45	90	0.9D+EQY	Combination	Max	5406.96	2157.68	11395.53	0
Base	45	90	0.9D+EQY	Combination	Min	5312.37	-1521.85	9381.82	0
Base	45	90	D+L	Combination		20884.51	494.21	23249.86	0
Base	45	90	D+0.75L+0.75WX	Combination		16996.96	454.88	20163.53	0
Base	45	90	D+0.75L+0.75WY	Combination		17002.18	458.97	20184.22	0
Base	45	90	D+0.75L+0.75(0.7EQX)	Combination	Max	17061.42	594.35	20243.93	0
Base	45	90	D+0.75L+0.75(0.7EQY)	Combination	Min	16942.94	323.57	20154.91	0
Base	45	90	D+0.75L+0.75(0.7EQY)	Combination	Max	17027.01	1424.84	20975.37	0
Base	45	90	D+0.75L+0.75(0.7EQY)	Combination	Min	16977.35	-506.91	19393.07	0
Base	45	90	D+WX	Combination		5968.23	347.69	10966.30	0
Base	45	90	D+WY	Combination		5955.18	353.23	10987.3	0
Base	45	90	D+0.7EQX	Combination	Max	6034.17	533.76	11066.91	0

ETABS v20.0.0

Page 270 of 375

วิศวกรผู้ออกแบบงานโครงสร้าง

นายสมภพ เจริญนครชัย ขย.1754

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgm
Base	45	90	D+0.7EQX	Combination		5876.2	172.69	10907.69	0
Base	45	90	D+0.7EQY	Combination	Max	5988.29	1641.05	12042.17	0
Base	45	90	0.9D+WX	Combination	Min	5922.07	-324.6	9932.48	0
Base	45	90	0.9D+WY	Combination		5968.18	290.65	8581.46	0
Base	45	90	0.8D+WX	Combination		3573.11	211.94	6592.38	0
Base	45	90	0.8D+0.7EQX	Combination	Max	3652.1	392.47	6671.99	0
Base	45	90	0.8D+0.7EQY	Combination	Min	3494.12	31.4	6512.77	0
Base	45	90	0.8D+0.7EQY	Combination	Max	3606.22	1499.78	7647.25	0
Base	45	90	0.8D+0.7EQY	Combination	Min	3540	-1075.89	5537.51	0
Base	46	92	Dead	LinStatic		7266.16	174.06	10651.34	0
Base	46	92	Live	LinStatic		20395.94	127.03	30814.31	0
Base	46	92	SD	LinStatic		0	0	0	0
Base	46	92	WX	LinStatic		-11.91	-4.88	76.53	0
Base	46	92	WY	LinStatic		0	0	0	0
Base	46	92	EQX	LinRespSpec					
Base	46	92	EQY	LinRespSpec	Max	863.72	185.09	208.26	0
Base	46	92	1.4D+1.7L	Combination		216.36	481.83	793.43	0
Base	46	92	0.9D+WX	Combination		4802.72	459.65	8056.2	0
Base	46	92	0.9D+WY	Combination		6527.94	151.78	17222.74	0
Base	46	92	0.8D+WX	Combination		6535.55	156.66	17146.21	0
Base	46	92	0.75(1.4D+1.7L+1.7WX)	Combination		3306.25	338.82	59388.73	0
Base	46	92	0.75(1.4D+1.7L+1.7WY)	Combination		33621.54	344.73	59212.15	0
Base	46	92	0.75(1.4D+1.7L)+EQX	Combination	Max	34035.26	529.82	50498.43	0
Base	46	92	0.75(1.4D+1.7L)+EQY	Combination	Min	32937.82	159.65	50985.88	0
Base	46	92	0.75(1.4D+1.7L)+EQY	Combination	Max	33336.91	628.56	60085.58	0
Base	46	92	0.75(1.4D+1.7L)+EQY	Combination	Min	33406.16	-137.09	58498.72	0
Base	46	92	0.9D+EQX	Combination	Max	7223.26	341.75	17932.48	0
Base	46	92	0.9D+EQX	Combination	Min	5855.83	-28.43	10355.83	0
Base	46	92	0.9D+EQY	Combination	Max	675.92	656.98	1364.64	0
Base	46	92	0.9D+EQY	Combination	Min	632.17	-325.17	19352.78	0
Base	46	92	0.75(1.4D+1.7L)+EQY	Combination		27692.12	301.1	49865.65	0
Base	46	92	D+0.75L+0.75WX	Combination		22546.68	265.68	42310.47	0
Base	46	92	D+0.75L+0.75WY	Combination		22555.81	269.34	41216.07	0
Base	46	92	D+0.75L+0.75L+0.75EQX	Combination	Max	22914.57	366.51	42237.37	0
Base	46	92	D+0.75L+0.75L+0.75EQY	Combination	Min	22196.66	172.17	42053.78	0
Base	46	92	D+0.75L+0.75L+0.75EQY	Combination	Max	22698.69	522.3	42576.82	0
Base	46	92	D+0.75L+0.75L+0.75EQY	Combination	Min	22442.54	16.38	41745.52	0
Base	46	92	D+WX	Combination		7254.25	169.19	19127.88	0
Base	46	92	D+WY	Combination		7268.16	174.06	19051.34	0
Base	46	92	D+0.7EQX	Combination	Max	7744.76	302.63	19195.74	0
Base	46	92	D+0.7EQX	Combination	Min	6787.56	-44.83	18906.95	0
Base	46	92	D+0.7EQY	Combination	Max	7419.52	111.34	18751.74	0
Base	46	92	D+0.7EQY	Combination	Min	7115.4	163.21	18495.94	0
Base	46	92	0.8D+WX	Combination		4347.79	96.56	11057.34	0
Base	46	92	0.8D+WY	Combination		4359.7	104.44	11430.8	0
Base	46	92	0.8D+0.7EQX	Combination	Max	4588.3	234	11575.2	0
Base	46	92	0.8D+0.7EQX	Combination	Min	3881.09	-25.12	11286.41	0
Base	46	92	0.8D+0.7EQY	Combination	Max	4510.46	441.72	11866.21	0
Base	46	92	0.8D+0.7EQY	Combination	Min	4209.93	-232.84	10875.4	0
Base	47	94	Dead	LinStatic		6503.97	11.63	16844.81	0
Base	47	94	Live	LinStatic		19968.64	94.24	35895.96	0
Base	47	94	SDL	LinStatic		0	0	0	0
Base	47	94	WX	LinStatic		16631	0	47	347.73
Base	47	94	WY	LinStatic					
Base	47	94	EQX	LinRespSpec	Max	328.87	59.74	155.66	0
Base	47	94	EQY	LinRespSpec	Max	35.6	678.2	73.79	0
Base	47	94	1.4D+1.7L	Combination		39076.98	127.5	56901.54	0
Base	47	94	0.9D+WX	Combination		6094.06	10.93	16983.88	0
Base	47	94	0.9D+WY	Combination		53373.76	10.48	16698.15	0
Base	47	94	0.75(1.4D+1.7L+1.7WX)	Combination		28762.12	133.73	66519.54	0
Base	47	94	0.75(1.4D+1.7L+1.7WY)	Combination		28557.73	133.13	66176.19	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	48	96	0.6D-WX	Combination		4193.26	9.29	11577.88	0
Base	48	96	0.6D+0.7EQX	Combination	Max	3992.16	9.06	11121.81	0
Base	48	96	0.6D+0.7EQY	Combination	Max	4250.43	54.09	11228.16	0
Base	48	96	0.6D+0.7EQZ	Combination	Max	3073.93	-35.96	11014.85	0
Base	48	96	0.6D+0.7EQX	Combination	Min	4075.83	412.26	11311.78	0
Base	48	96	0.6D+0.7EQY	Combination	Min	3546.42	-394.18	11111.23	0
Base	48	96	0.6D+0.7EQZ	Combination	Min	6619.5	12.23	11840.15	0
Base	50	100	Dead	LinStatic		16904.24	27.7	35944.16	0
Base	50	100	Live	LinStatic		0	0	0	0
Base	50	100	SDL	LinStatic		0	0	0	0
Base	50	100	WX	LinStatic		252.2	7.59	399.82	0
Base	50	100	WY	LinStatic		0	0	0	0
Base	50	100	EQX	LinRespSpec	Max	1690.26	62.3	153.79	0
Base	50	100	EQY	LinRespSpec	Max	214.87	562.37	11.6	0
Base	50	100	1.4D+1.7L	Combination		38004.51	64.2	86977.17	0
Base	50	100	0.9D-WX	Combination		6209.74	18.59	17031.76	0
Base	50	100	0.9D-WY	Combination		5957.55	111	16532.23	0
Base	50	100	0.75(1.4D+1.7L+1.7W)	Combination		28634.93	57.83	65742.47	0
Base	50	100	0.75(1.4D+1.7L)+EQX	Combination	Max	28023.36	48.15	65232.96	0
Base	50	100	0.75(1.4D+1.7L)+EQY	Combination	Max	30202.85	110.45	65386.75	0
Base	50	100	0.75(1.4D+1.7L)+EQZ	Combination	Max	28904.1	-14.15	65079.18	0
Base	50	100	0.75(1.4D+1.7L)+EQX	Combination	Min	28718.25	610.52	65244.56	0
Base	50	100	0.75(1.4D+1.7L)+EQY	Combination	Min	28288.51	-514.22	65221.36	0
Base	50	100	0.9D-EQX	Combination	Max	7656.83	73.31	16785.93	0
Base	50	100	0.9D-EQY	Combination	Max	4258.27	-51.3	16478.34	0
Base	50	100	0.9D-EQZ	Combination	Max	6172.41	573.37	16643.74	0
Base	50	100	0.9D+EQX	Combination	Min	5742.68	-551.36	16620.53	0
Base	50	100	D+L	Combination		23523.74	39.92	54424.31	0
Base	50	100	D+0.75L+0.75W	Combination		18466.83	38.69	45737.96	0
Base	50	100	D+0.75L+0.75WY	Combination		19297.68	33	45543.27	0
Base	50	100	D+0.75L+0.75(0.7EQX)	Combination	Max	20168.6	87.11	45510.01	0
Base	50	100	D+0.75L+0.75(0.7EQX)	Combination	Min	18405.56	0.29	45357.53	0
Base	50	100	D+0.75L+0.75(0.7EQY)	Combination	Max	19410.36	32.24	45444.36	0
Base	50	100	D+0.75L+0.75(0.7EQY)	Combination	Min	19184.87	-362.24	45432.18	0
Base	50	100	D+W	Combination		6871.69	19.81	16872.77	0
Base	50	100	D+0.7EQX	Combination	Max	6615.5	12.23	16480.15	0
Base	50	100	D+0.7EQY	Combination	Max	7608.99	65.84	16587.8	0
Base	50	100	D+0.7EQZ	Combination	Min	5430	-31.38	16372.49	0
Base	50	100	D+0.7EQY	Combination	Max	6769.3	405.89	16488.27	0
Base	50	100	D+0.7EQY	Combination	Min	6469.09	-381.43	16427.03	0
Base	50	100	0.9D-WX	Combination		4223.89	14.92	11487.71	0
Base	50	100	0.9D-WY	Combination		3971.7	7.34	11068.09	0
Base	50	100	0.6D+0.7EQX	Combination	Max	5161.18	50.95	11196.74	0
Base	50	100	0.6D+0.7EQY	Combination	Max	2782.2	-36.27	10980.43	0
Base	50	100	0.6D+0.7EQZ	Combination	Max	4122.11	400.99	11096.21	0
Base	50	100	0.6D+0.7EQY	Combination	Min	3821.29	-385.32	11079.97	0
Base	50	100	0.6D+0.7EQY	Combination	Min	6633.5	18.72	10772.59	0
Base	51	102	Dead	LinStatic		16926.07	0.15	35941.08	0
Base	51	102	Live	LinStatic		0	0	0	0
Base	51	102	SDL	LinStatic		0	0	0	0
Base	51	102	WX	LinStatic		275.66	-46.39	768.65	0
Base	51	102	WY	LinStatic		0	0	0	0
Base	51	102	EQX	LinRespSpec	Max	2211.59	68.16	161.66	0
Base	51	102	EQY	LinRespSpec	Max	128.14	501.65	95.37	0
Base	51	102	1.4D+1.7L	Combination		33061.21	-58.99	87391.46	0
Base	51	102	0.9D-WX	Combination		6245.81	-84.48	17863.96	0
Base	51	102	0.9D-WY	Combination		5970.15	-38.09	16856.33	0
Base	51	102	0.9D+EQX	Combination		24907.36	-103.39	65516.13	0
Base	51	102	0.75(1.4D+1.7L+1.7W)	Combination		28545.91	-44.24	65536.09	0
Base	51	102	0.75(1.4D+1.7L)+EQX	Combination	Max	30757.5	23.92	65897.75	0
Base	51	102	0.75(1.4D+1.7L)+EQY	Combination	Max	26334.32	-112.4	65374.44	0
Base	51	102	0.75(1.4D+1.7L)+EQY	Combination	Max	29674.05	457.4	65631.27	0

ETABS v20.0.0

Page 273 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	51	102	0.75(1.4D+1.7L)+EQY	Combination	Min	28417.77	-545.89	65440.92	0
Base	51	102	0.9D-EQX	Combination	Max	8181.74	30.07	17098.99	0
Base	51	102	0.9D-EQY	Combination	Min	3758.55	-106.24	16735.67	0
Base	51	102	0.9D-EQY	Combination	Max	6928.28	465.56	16696.55	0
Base	51	102	0.9D+EQY	Combination	Min	5842.01	-539.73	16800.16	0
Base	51	102	D+L	Combination		23569.57	-42.17	54713.87	0
Base	51	102	D+0.75L+0.75W	Combination		19534.79	-77	46304.89	0
Base	51	102	D+0.75L+0.75WY	Combination		19328.05	-42.2	45728.4	0
Base	51	102	D+0.75L+0.75(0.7EQX)	Combination	Max	20489.13	-6.42	45813.27	0
Base	51	102	D+0.75L+0.75(0.7EQX)	Combination	Min	18166.99	-77.99	45643.53	0
Base	51	102	D+0.75L+0.75(0.7EQY)	Combination	Max	19395.32	221.16	45778.37	0
Base	51	102	D+0.75L+0.75(0.7EQY)	Combination	Min	18260.78	-305.57	45678.43	0
Base	51	102	D+W	Combination		6909.18	-88.71	19541.24	0
Base	51	102	D-WY	Combination		6633.5	-42.32	16772.59	0
Base	51	102	D+0.7EQX	Combination	Max	8181.61	5.39	16885.75	0
Base	51	102	D+0.7EQY	Combination	Min	5085.38	-80.03	16859.43	0
Base	51	102	D+0.7EQY	Combination	Max	6723.19	308.83	16839.21	0
Base	51	102	0.6D-WY	Combination	Min	6543.8	-393.47	16705.97	0
Base	51	102	0.6D+EQX	Combination	Max	4255.76	-71.78	12022.11	0
Base	51	102	0.6D+EQY	Combination	Max	3896.1	-25.89	11263.55	0
Base	51	102	0.6D+EQY	Combination	Min	5528.21	23.32	11378.71	0
Base	51	102	0.6D+0.7EQX	Combination	Min	2431.96	-73.1	11150.39	0
Base	51	102	0.6D+0.7EQY	Combination	Min	4069.79	325.76	11330.18	0
Base	51	102	0.6D+0.7EQY	Combination	Min	3890.4	-376.54	11196.93	0
Base	53	106	Dead	LinStatic		16932.02	-59.8	35935.57	0
Base	53	106	Live	LinStatic		0	0	0	0
Base	53	106	SDL	LinStatic		0	0	0	0
Base	53	106	WX	LinStatic		261.94	47.78	745.19	0
Base	53	106	WY	LinStatic		0	0	0	0
Base	53	106	EQX	LinRespSpec	Max	2717.18	67.55	159.33	0
Base	53	106	EQY	LinRespSpec	Max	98.08	490.37	112.82	0
Base	53	106	1.4D+1.7L	Combination		38105.25	-73.18	87360.7	0
Base	53	106	0.9D-WX	Combination		6232.04	66.08	17829.91	0
Base	53	106	0.9D-WY	Combination		5970.1	19.31	16854.72	0
Base	53	106	0.75(1.4D+1.7L+1.7W)	Combination		28612.91	6.03	64670.84	0
Base	53	106	0.75(1.4D+1.7L)+EQX	Combination	Max	28578.94	-54.89	65520.52	0
Base	53	106	0.75(1.4D+1.7L)+EQY	Combination	Max	31296.12	12.66	65679.85	0
Base	53	106	0.75(1.4D+1.7L)+EQZ	Combination	Min	25861.76	-122.44	65361.2	0
Base	53	106	0.75(1.4D+1.7L)+EQY	Combination	Max	28677.02	435.49	65633.44	0
Base	53	106	0.75(1.4D+1.7L)+EQY	Combination	Min	26480.86	-545.26	65407.81	0
Base	53	106	0.9D-EQX	Combination	Max	8687.28	85.86	17044.05	0
Base	53	106	0.9D-EQY	Combination	Min	3252.92	-49.25	16725.4	0
Base	53	106	0.9D-EQY	Combination	Max	6968.18	508.68	16967.64	0
Base	53	106	0.9D+EQY	Combination	Min	5874.02	-472.07	16771.84	0
Base	53	106	D+L	Combination		23585.46	-38.46	54699.38	0
Base	53	106	D+0.75L+0.75W	Combination		19545.91	11.32	45273.82	0
Base	53	106	D+0.75L+0.75WY	Combination		19347.46	-44.51	45714.73	0
Base	53	106	D+0.75L+0.75(0.7EQX)	Combination	Max	20773.39	10.98	45798.38	0
Base	53	106	D+0.75L+0.75(0.7EQX)	Combination	Min	17920.54	-59.87	45631.09	0
Base	53	106	D+0.75L+0.75(0.7EQY)	Combination	Max	19386.95	232.94	45774.02	0
Base	53	106	D+0.75L+0.75(0.7EQY)	Combination	Min	19295.86	-281.96	45655.45	0
Base	53	106	D+W	Combination		6895.36	68.12	19059.99	0
Base	53	106	D-WY	Combination		6633.44	20.34	16760.8	0
Base	53	106	D+0.7EQX	Combination	Max	8535.47	67.83	16872.33	0
Base	53	106	D+0.7EQY	Combination	Min	4731.42	-26.96	16849.28	0
Base	53	106	D+0.7EQY	Combination	Max	6702.1	363.8	16836.85	0
Base	53	106	D+0.7EQY	Combination	Min	6564.79	-322.92	16801.78	0
Base	53	106	0.6D-WX	Combination		4242	59.88	12001.87	0
Base	53	106	0.6D+EQX	Combination		3960.07	12.2	11258.48	0
Base	53	106	0.6D+0.7EQX	Combination	Max	5582.09	59.49	11368.01	0

ETABS v20.0.0

Page 274 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kg-m
Base	53	106	0.8D+0.7EQX	Combination	Min	2078.04	-35.08	11144.95	0
Base	53	106	0.8D+0.7EQY	Combination	Max	4048.73	355.47	11335.53	0
Base	53	106	0.6D+0.7EQX	Combination	Min	3811.41	-331.06	11177.44	0
Base	54	108	Dead	LinStatic		16870.35	-25.25	35443.01	0
Base	54	108	Live	LinStatic		0	0	0	0
Base	54	108	SDL	LinStatic		166.19	-6.37	278.02	0
Base	54	108	WX	LinStatic		0	0	0	0
Base	54	108	WY	LinStatic		0	0	0	0
Base	54	108	EQX	LinRespSpec	Max	590.74	52.83	158.68	0
Base	54	108	EQY	LinRespSpec	Max	58.36	672.28	112.73	0
Base	54	108	1.4D+1.7L	Combination		37870.37	-206.78	8884.29	0
Base	54	108	0.9D+WX	Combination		6074.54	-29.09	18676.73	0
Base	54	108	0.9D+WY	Combination		5908.36	-22.72	16986.71	0
Base	54	108	0.75(1.4D+1.7L+1.7W)+X	Combination		2891.486	168.19	9551.88	0
Base	54	108	0.75(1.4D+1.7L+1.7W)+Y	Combination		2402.78	-155.07	9516.22	0
Base	54	108	0.75(1.4D+1.7L)+EQX	Combination	Max	2669.81	-102.24	86321.91	0
Base	54	108	0.75(1.4D+1.7L)+EQY	Combination	Max	27810.14	7.29	6504.53	0
Base	54	108	0.75(1.4D+1.7L)+EQX	Combination	Min	23481.13	511.21	86275.95	0
Base	54	108	0.75(1.4D+1.7L)+EQY	Combination	Min	23344.42	-427.35	86050.48	0
Base	54	108	0.9D+EQX	Combination	Max	6499.09	30.1	16757.4	0
Base	54	108	0.9D+EQY	Combination	Min	5317.62	-75.55	16440.02	0
Base	54	108	0.9D+EQX	Combination	Max	5966.71	649.59	16711.44	0
Base	54	108	0.9D+EQY	Combination	Min	5850	-685	16485.98	0
Base	54	108	D+L	Combination		23435.19	-128.08	54363.05	0
Base	54	108	D+0.75L+0.75WX	Combination		19342.24	-105.65	45591.56	0
Base	54	108	D+0.75L+0.75WY	Combination		19217.8	-100.87	45383.04	0
Base	54	108	D+0.75L+0.75(0.7EQX)	Combination	Min	19527.74	-73.14	45466.36	0
Base	54	108	D+0.75L+0.75(0.7EQY)	Combination	Min	18907.47	-128.8	45297.73	0
Base	54	108	D+0.75L+0.75(0.7EQX)	Combination	Max	16248.24	25.08	45442.23	0
Base	54	108	D+0.75L+0.75(0.7EQY)	Combination	Max	19186.07	-453.82	45323.66	0
Base	54	108	D+0.75L+0.75(0.7EQY)	Combination	Min	8713.03	-31.82	18721.03	0
Base	54	108	O+WX	Combination		4564.84	-25.25	18443.01	0
Base	54	108	D+0.7EQX	Combination	Max	6978.36	11.73	18554.09	0
Base	54	108	D+0.7EQY	Combination	Min	6151.33	-62.23	18353.91	0
Base	54	108	D+0.7EQX	Combination	Max	6605.68	445.35	18521.82	0
Base	54	108	D+0.7EQY	Combination	Min	5252.39	-495.84	18364.1	0
Base	54	108	0.6D+WX	Combination		4105.09	-21.52	11342.82	0
Base	54	108	0.6D+WY	Combination		3939.3	-15.15	11005.81	0
Base	54	108	0.8D+0.7EQX	Combination	Max	4352.42	21.83	11116.79	0
Base	54	108	0.8D+0.7EQY	Combination	Min	3552.59	-32.33	10965.72	0
Base	54	108	0.6D+0.7EQX	Combination	Max	3975.15	455.45	11444.72	0
Base	54	108	0.6D+0.7EQY	Combination	Min	3886.04	-446.74	10961.48	0
Base	55	110	Dead	LinStatic		3394.53	-423.28	13861.89	0
Base	55	110	Live	LinStatic		7975.18	-34.05	17921.91	0
Base	55	110	SDL	LinStatic		0	0	0	0
Base	55	110	WX	LinStatic		-11.74	5.81	211.7	0
Base	55	110	WY	LinStatic		0	0	0	0
Base	55	110	EQX	LinRespSpec	Max	776.18	228.18	270.11	0
Base	55	110	EQY	LinRespSpec	Max	111.04	2515.99	636.85	0
Base	55	110	1.4D+1.7L	Combination		18310.71	-752.48	49877.22	0
Base	55	110	0.9D+WX	Combination		3044.89	-372.34	12697.44	0
Base	55	110	0.9D+WY	Combination		3055.44	-380.95	12476.24	0
Base	55	110	0.75(1.4D+1.7L+1.7W)+X	Combination		13718.16	-453.37	17881.81	0
Base	55	110	0.75(1.4D+1.7L+1.7W)+Y	Combination		13753.02	564.36	37404.31	0
Base	55	110	0.75(1.4D+1.7L)+EQX	Combination	Max	14599.91	-33.82	37675.03	0
Base	55	110	0.75(1.4D+1.7L)+EQY	Combination	Min	12500.86	780.52	37314.3	0
Base	55	110	0.75(1.4D+1.7L)+EQX	Combination	Max	13844.07	1951.64	38044.57	0
Base	55	110	0.75(1.4D+1.7L)+EQY	Combination	Min	13624.91	-3080.35	38765.26	0
Base	55	110	0.9D+EQX	Combination	Max	3831.61	-154.79	12745.36	0
Base	55	110	0.8D+EQX	Combination	Min	2278.20	-40.11	12205.15	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	57	114	Dead	LinStatic		-6195.06	136.38	2168.21	0
Base	57	114	Live	LinStatic		-16920.88	75.57	37801.69	0
Base	57	114	SDL	LinStatic		0	0	0	0
Base	57	114	WX	LinStatic		-12.45	0.24	-11.24	0
Base	57	114	WY	LinStatic		0	0	0	0
Base	57	114	EQX	LinRespSpec	Max	655.31	112.66	241.2	0
Base	57	114	EQY	LinRespSpec	Max	275.45	205.18	802.77	0
Base	57	114	1.4D+1.7L	Combination		-37453.64	318.4	93558.7	0
Base	57	114	0.9D-WX	Combination		-5588	122.58	19040.15	0
Base	57	114	0.9D-WY	Combination		-5575.95	122.74	19051.38	0
Base	57	114	0.75(1.4D+1.7L)+1.7W	Combination		-28106.28	239.85	70154.68	0
Base	57	114	0.75(1.4D+1.7L)+EQX	Combination		-28090.41	239.55	70168.02	0
Base	57	114	0.75(1.4D+1.7L)+EQY	Combination	Max	-27435.1	352.21	70410.22	0
Base	57	114	0.75(1.4D+1.7L)+EQX	Combination	Min	-28745.72	126.88	69927.83	0
Base	57	114	0.75(1.4D+1.7L)+EQY	Combination	Max	-27814.96	448.72	70671.79	0
Base	57	114	0.75(1.4D+1.7L)+EQY	Combination	Min	-28365.86	30.37	69366.25	0
Base	57	114	0.9D-EQX	Combination	Max	-4920.24	235.41	19292.58	0
Base	57	114	0.9D-EQY	Combination	Min	-4230.86	10.08	18910.19	0
Base	57	114	0.9D-EQX	Combination	Max	-5300.1	331.52	19551.15	0
Base	57	114	0.9D-EQY	Combination	Min	-5861.58	-48.41	18248.62	0
Base	57	114	0.9D-EQY	Combination	Min	-23124.94	211.95	58770.09	0
Base	57	114	D+L	Combination		-18901.8	193.23	49361.18	0
Base	57	114	D+0.75L+0.75WX	Combination		-18942.47	193.06	49365.62	0
Base	57	114	D+0.75L+0.75WY	Combination		-18948.43	282.2	49496.25	0
Base	57	114	D+0.75L+0.75(0.7EQX)	Combination	Max	-19038.51	133.91	49242.99	0
Base	57	114	D+0.75L+0.75(0.7EQY)	Combination	Max	-18747.80	302.87	49701.06	0
Base	57	114	D+0.75L+0.75(0.7EQY)	Combination	Min	-19037.08	83.24	48948.17	0
Base	57	114	D+WX	Combination		-4207.51	136.82	21158.87	0
Base	57	114	D+WY	Combination		-6195.06	136.38	21681.21	0
Base	57	114	D+0.7EQX	Combination	Max	-5736.34	215.25	21337.04	0
Base	57	114	D+0.7EQX	Combination	Min	-4653.78	57.52	20999.37	0
Base	57	114	D+0.7EQY	Combination	Max	-4600.25	282.81	21730.14	0
Base	57	114	D+0.7EQY	Combination	Min	-4357.88	-10.04	20696.27	0
Base	57	114	0.8D+WX	Combination		-3725.45	82.07	12688.68	0
Base	57	114	0.8D+WY	Combination		-3717.04	81.53	12700.92	0
Base	57	114	0.8D+0.7EQX	Combination	Max	-3258.32	160.89	12699.78	0
Base	57	114	0.8D+0.7EQX	Combination	Min	-4175.75	2.97	12532.09	0
Base	57	114	0.8D+0.7EQY	Combination	Max	-3524.22	228.25	13262.86	0
Base	57	114	0.8D+0.7EQY	Combination	Min	-3909.85	-64.59	12138.98	0
Base	57	114	0.8D+0.7EQY	Combination	Min	-5613.8	-2.45	16500.26	0
Base	58	116	Dead	LinStatic		-17022.06	51.36	35928.07	0
Base	58	116	Live	LinStatic		0	0	0	0
Base	58	116	SDL	LinStatic		0	0	0	0
Base	58	116	WX	LinStatic		7.81	0.48	-68.38	0
Base	58	116	WY	LinStatic		0	0	0	0
Base	58	116	EQX	LinRespSpec	Max	347.26	65.77	151.92	0
Base	58	116	EQY	LinRespSpec	Max	36.57	1200.48	98.93	0
Base	58	116	1.4D+1.7L	Combination		-38196.54	83.85	86978.09	0
Base	58	116	0.9D-WX	Combination		-5944.43	-1.77	16563.38	0
Base	58	116	0.9D-WY	Combination		-5952.24	-2.23	16650.24	0
Base	58	116	0.75(1.4D+1.7L)+1.7W	Combination		-28637.45	83.47	85123.45	0
Base	58	116	0.75(1.4D+1.7L)+EQX	Combination		-28647.41	62.89	85233.57	0
Base	58	116	0.75(1.4D+1.7L)+EQY	Combination	Max	-28300.14	128.66	85385.49	0
Base	58	116	0.75(1.4D+1.7L)+EQY	Combination	Min	-28994.67	-2.89	85081.65	0
Base	58	116	0.75(1.4D+1.7L)+EQY	Combination	Max	-28610.83	1351.37	85332.8	0
Base	58	116	0.75(1.4D+1.7L)+EQY	Combination	Min	-28693.98	-1227.6	85134.63	0
Base	58	116	0.9D-EQX	Combination	Max	-5604.97	63.54	166021.6	0
Base	58	116	0.9D-EQX	Combination	Min	-4295.5	-48	16698.32	0
Base	58	116	0.9D-EQY	Combination	Max	-5915.66	1288.25	16749.13	0
Base	58	116	0.9D-EQY	Combination	Min	-5998.81	-1282.71	16551.3	0
Base	58	116	0.9D-EQY	Combination	Min	-23635.66	48.88	54426.33	0
Base	58	116	D+L	Combination		-23635.66	48.88	54426.33	0

ETABS v20.0.0

Page 277 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	58	116	D+0.75L+0.75WX	Combination		-19374.29	36.39	45381.54	0
Base	58	116	D+0.75L+0.75WY	Combination		-19380.14	35.04	45462.32	0
Base	58	116	D+0.75L+0.75(0.7EQX)	Combination	Max	-19197.83	70.57	45526.08	0
Base	58	116	D+0.75L+0.75(0.7EQX)	Combination	Min	-19562.48	1.51	45386.56	0
Base	58	116	D+0.75L+0.75(0.7EQY)	Combination	Max	-19306.34	713.55	45486.26	0
Base	58	116	D+0.75L+0.75(0.7EQY)	Combination	Min	-19396.34	-821.46	45584.38	0
Base	58	116	D+WX	Combination		-6605.79	-2.01	16500.26	0
Base	58	116	D+WY	Combination		-6613.8	-2.46	16500.26	0
Base	58	116	D+0.7EQX	Combination	Max	-4370.51	-43.56	18606.81	0
Base	58	116	D+0.7EQX	Combination	Min	-4370.51	-43.56	18606.81	0
Base	58	116	D+0.7EQY	Combination	Max	-4370.51	-43.56	18606.81	0
Base	58	116	D+0.7EQY	Combination	Min	-4370.51	-43.56	18606.81	0
Base	58	116	0.8D+WX	Combination		-3960.35	-1.02	11013.8	0
Base	58	116	0.8D+WY	Combination		-3960.35	-1.02	11013.8	0
Base	58	116	0.8D+0.7EQX	Combination	Max	-3725.07	44.56	11206.5	0
Base	58	116	0.8D+0.7EQX	Combination	Min	-4211.24	-47.53	10993.81	0
Base	58	116	0.8D+0.7EQY	Combination	Max	-3942.56	901.85	11189.41	0
Base	58	116	0.8D+0.7EQY	Combination	Min	-3963.76	-904.82	11030.9	0
Base	58	116	0.8D+0.7EQY	Combination	Min	-3963.76	-904.82	11030.9	0
Base	59	118	Dead	LinStatic		-6643.2	7.38	18529.49	0
Base	59	118	Live	LinStatic		-16896.65	31.02	35928.07	0
Base	59	118	SDL	LinStatic		0	0	0	0
Base	59	118	WX	LinStatic		13.57	0.49	-119.87	0
Base	59	118	WY	LinStatic		0	0	0	0
Base	59	118	EQX	LinRespSpec	Max	1273.91	69.53	150.4	0
Base	59	118	EQY	LinRespSpec	Max	172.47	1217.99	45.81	0
Base	59	118	1.4D+1.7L	Combination		-36194.8	63.09	87020.09	0
Base	59	118	0.9D-WX	Combination		-5965.32	7.15	16566.68	0
Base	59	118	0.9D-WY	Combination		-5978.88	6.85	16675.54	0
Base	59	118	0.75(1.4D+1.7L)+1.7W	Combination		-28628.8	47.95	85112.24	0
Base	59	118	0.75(1.4D+1.7L)+EQX	Combination		-28646.1	47.32	85265.07	0
Base	59	118	0.75(1.4D+1.7L)+EQY	Combination	Max	-27372.19	116.85	85416.47	0
Base	59	118	0.75(1.4D+1.7L)+EQY	Combination	Min	-29020.01	-22.21	85116.87	0
Base	59	118	0.75(1.4D+1.7L)+EQY	Combination	Max	-28473.62	1285.3	85310.87	0
Base	59	118	0.75(1.4D+1.7L)+EQY	Combination	Min	-28818.57	-1170.87	85216.26	0
Base	59	118	0.9D-EQX	Combination	Max	-4704.86	76.18	16826.94	0
Base	59	118	0.9D-EQX	Combination	Min	-5906.41	1224.64	16722.35	0
Base	59	118	0.9D-EQY	Combination	Max	-5151.96	-1211.33	16830.74	0
Base	59	118	0.9D-EQY	Combination	Min	-23635.66	38.42	54458.2	0
Base	59	118	D+0.75L+0.75WX	Combination		-19380.52	31.03	45398.12	0
Base	59	118	D+0.75L+0.75WY	Combination		-19390.69	30.86	45478.02	0
Base	59	118	D+0.75L+0.75(0.7EQX)	Combination	Max	-18721.88	67.16	45554.98	0
Base	59	118	D+0.75L+0.75(0.7EQX)	Combination	Min	-19009.15	-5.84	45397.06	0
Base	59	118	D+0.75L+0.75(0.7EQY)	Combination	Max	-19009.15	870.1	45500.07	0
Base	59	118	D+0.75L+0.75(0.7EQY)	Combination	Min	-19481.24	-606.78	45451.98	0
Base	59	118	D+WX	Combination		-6629.84	7.89	16500.26	0
Base	59	118	D+WY	Combination		-6642.2	7.38	16500.26	0
Base	59	118	D+0.7EQX	Combination		-4751.47	58.06	18634.77	0
Base	59	118	D+0.7EQX	Combination	Max	-7534.94	-41.28	18424.21	0
Base	59	118	D+0.7EQX	Combination	Min	-6522.47	859.98	18561.56	0
Base	59	118	D+0.7EQY	Combination	Max	-6763.94	-845.2	18497.43	0
Base	59	118	D+0.7EQY	Combination	Min	-6763.94	-845.2	18497.43	0
Base	59	118	0.8D+WX	Combination		-3972.36	4.93	10997.83	0
Base	59	118	0.8D+WY	Combination		-3985.92	4.44	11117.7	0
Base	59	118	0.8D+0.7EQX	Combination	Max	-3064.19	53.11	11222.97	0
Base	59	118	0.8D+0.7EQX	Combination	Min	-4877.66	-44.23	11012.42	0
Base	59	118	0.8D+0.7EQY	Combination	Max	-3865.19	877.03	11149.78	0
Base	59	118	0.8D+0.7EQY	Combination	Min	-4106.65	-846.15	11065.83	0
Base	61	122	Dead	LinStatic		-6646.77	7.38	18529.49	0
Base	61	122	Live	LinStatic		-16878.2	7.86	35931.9	0
Base	61	122	SDL	LinStatic		0	0	0	0

ETABS v20.0.0

Page 278 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	61	122	WX	LinStatic		16.56	-0.84	-112.51	0
Base	61	122	WY	LinStatic		0	0	0	0
Base	61	122	EQX	LinRespSpec	Max	1700.45	68.26	153	0
Base	61	122	EQY	LinRespSpec	Max	208.88	1233.07	14.2	0
Base	61	122	1.4D+1.7L	Combination		-38168.42	23.8	86949.51	0
Base	61	122	0.9D-WX	Combination		-5965.54	5.86	16515.17	0
Base	61	122	0.9D-WY	Combination		-5982.09	8.71	16627.68	0
Base	61	122	0.75(1.4D+1.7L+1.7W)	Combination		-23605.21	16.78	50688.68	0
Base	61	122	0.75(1.4D+1.7L+1.7WY)	Combination		-28626.32	17.85	65212.13	0
Base	61	122	0.75(1.4D+1.7L)+EQX	Combination	Max	-2565.87	87.1	63965.13	0
Base	61	122	0.75(1.4D+1.7L)+EQY	Combination	Max	-30326.77	-51.41	65099.13	0
Base	61	122	0.75(1.4D+1.7L)+EQX	Combination	Min	-28418.43	1250.92	62238.34	0
Base	61	122	0.75(1.4D+1.7L)+EQY	Combination	Min	-28936.32	-1215.22	60147.93	0
Base	61	122	0.9D-EQX	Combination	Max	-421.65	78.07	16782.68	0
Base	61	122	0.9D-EQY	Combination	Min	-749.05	-42.54	16474.68	0
Base	61	122	0.9D-EQX	Combination	Min	-5772.21	1238.79	16614.89	0
Base	61	122	0.9D-EQY	Combination	Max	-1911.98	-1226.38	16613.48	0
Base	61	122	0.9D-EQY	Combination	Max	-23624.97	15.32	54071.0	0
Base	61	122	D-L	Combination		19368	12.72	45379.74	0
Base	61	122	D-0.75L+0.75WX	Combination		-19390.42	13.35	45423.13	0
Base	61	122	D-0.75L+0.75(W+EQX)	Combination	Max	-18487.69	49.71	45504.45	0
Base	61	122	D-0.75L+0.75(W+EQY)	Combination	Min	-20273.16	-23.01	45433.8	0
Base	61	122	D-0.75L+0.75(W+EQX)	Combination	Max	-19270.23	860.71	45431.58	0
Base	61	122	D-0.75L+0.75(W+EQY)	Combination	Min	-19490.61	-834.01	45416.67	0
Base	61	122	D-WX	Combination		-6630.21	6.62	18362.69	0
Base	61	122	D-WY	Combination		-6648.77	7.48	18375.52	0
Base	61	122	D-0.7EQX	Combination	Max	-5456.46	38.94	18582.3	0
Base	61	122	D-0.7EQY	Combination	Min	-7837.06	-10.02	18368.1	0
Base	61	122	D-0.7EQX	Combination	Max	-4499.55	870.81	18485.15	0
Base	61	122	D-0.7EQY	Combination	Min	-4793.09	-455.69	18466.26	0
Base	61	122	0.8D-WX	Combination	Min	-3971.54	3.84	10972.61	0
Base	61	122	0.8D-WY	Combination		-3688.06	4.47	11005.12	0
Base	61	122	0.6D+0.7EQX	Combination	Max	-2797.75	52.95	11192.22	0
Base	61	122	0.6D+0.7EQY	Combination	Min	-5178.36	-44	10978.02	0
Base	61	122	0.6D+0.7EQX	Combination	Min	-3341.14	887.63	11005.06	0
Base	61	122	0.6D+0.7EQY	Combination	Min	-1413.96	-958.88	11075.18	0
Base	62	124	Dead	LinStatic		-6651.04	-45.57	18771.53	0
Base	62	124	Live	LinStatic		-16975.71	-16.88	35532.95	0
Base	62	124	SD	LinStatic		0	0	0	0
Base	62	124	WX	LinStatic		-36.95	0	0	0
Base	62	124	WY	LinStatic		0	9.37	-192.25	0
Base	62	124	EQX	LinRespSpec	Max	2211.05	70.53	163.72	0
Base	62	124	EQY	LinRespSpec	Max	117.36	1220.62	58.25	0
Base	62	124	1.4D+1.7L	Combination		-38170.18	-92.13	87365.96	0
Base	62	124	0.9D-WX	Combination		-5948.98	-31.65	16702.13	0
Base	62	124	0.9D-WY	Combination		-5985.99	-41.02	16894.33	0
Base	62	124	0.75(1.4D+1.7L+1.7W)	Combination		-2850.51	-57.15	65279.37	0
Base	62	124	0.75(1.4D+1.7L+1.7WY)	Combination		-29227.62	1.99	65924.49	0
Base	62	124	0.75(1.4D+1.7L)+EQX	Combination	Max	-26416.58	1.43	65098.2	0
Base	62	124	0.75(1.4D+1.7L)+EQY	Combination	Min	-26936.67	-168.33	65200.77	0
Base	62	124	0.75(1.4D+1.7L)+EQX	Combination	Max	-2351.56	1151.53	65582.73	0
Base	62	124	0.75(1.4D+1.7L)+EQY	Combination	Max	-28744.96	-1288.72	65466.24	0
Base	62	124	0.9D-EQX	Combination	Min	-3774.49	29.51	17058.1	0
Base	62	124	0.9D-EQY	Combination	Max	-6196.98	-111.55	16730.66	0
Base	62	124	0.9D-EQY	Combination	Max	-5968.57	1179.61	16952.63	0
Base	62	124	0.9D-EQY	Combination	Min	-6103.3	-1261.64	16636.13	0
Base	62	124	D-L	Combination		-23626.75	-62.24	54704.38	0
Base	62	124	D-0.75L+0.75WX	Combination		-19355.11	-51.04	45578.99	0
Base	62	124	D-0.75L+0.75(W+EQX)	Combination		-19382.82	-58.07	45721.17	0
Base	62	124	D-0.75L+0.75(W+EQY)	Combination	Max	-18222.02	-21.04	45607.12	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kg-m	
Base	65	130	EQY	LinRespSpec	Max	89.21	1778.06	316.74	0	
Base	65	130	1.4D+1.7L	Combination		-37840.22	-281.24	86979.85	0	
Base	65	130	0.5D+WX	Combination		-5891.76	-43.14	16596.11	0	
Base	65	130	0.5D+WX	Combination		-5902.54	-40.81	16657.97	0	
Base	65	130	0.75(1.4D+1.7L+1.7WX)	Combination		-26366.43	-198.9	65153.01	0	
Base	65	130	0.75(1.4D+1.7L+1.7WX)	Combination		-26380.17	-195.93	65231.69	0	
Base	65	130	0.75(1.4D+1.7L)+EQX	Combination	Min	-27790.3	165.6	65396.51	0	
Base	65	130	0.75(1.4D+1.7L)+EQX	Combination	Min	-26870.03	226.26	65067.26	0	
Base	65	130	0.75(1.4D+1.7L)+EQY	Combination	Min	-26290.96	1582.13	65548.62	0	
Base	65	130	0.75(1.4D+1.7L)+EQY	Combination	Min	-26489.38	1873.99	64915.15	0	
Base	65	130	0.9D+EQX	Combination	Max	-5312.67	-10.49	16822.6	0	
Base	65	130	0.9D+EQX	Combination	Min	-6492.41	271.14	16493.35	0	
Base	65	130	0.9D+EQX	Combination	Min	-5813.33	1737.25	16974.71	0	
Base	65	130	0.9D+EQY	Combination	Min	-5691.75	-1918.68	16341.24	0	
Base	65	130	0.9D+EQY	Combination	Min	-23416.32	-161.67	54428.53	0	
Base	65	130	D+L	Combination		-19193.75	-134.34	45402.22	0	
Base	65	130	D+0.75L+0.75WX	Combination		-19201.83	-132.59	45446.62	0	
Base	65	130	D+0.75L+0.75(0.7EQX)	Combination	Max	-18892.51	-116.67	46530.04	0	
Base	65	130	D+0.75L+0.75(0.7EQX)	Combination	Min	-19511.51	-148.51	45362.19	0	
Base	65	130	D+0.75L+0.75(0.7EQY)	Combination	Min	-19195	800.88	46614.9	0	
Base	65	130	D+0.75L+0.75(0.7EQY)	Combination	Min	-19248.67	-1068.08	45293.33	0	
Base	65	130	D+WX	Combination		-4547.6	-147.67	18447	0	
Base	65	130	D+WX	Combination		-4558.38	-45.35	16508.86	0	
Base	65	130	D+0.7EQX	Combination		-4745.47	-24.12	16624.1	0	
Base	65	130	D+0.7EQX	Combination	Min	-6971.28	-68.58	18393.62	0	
Base	65	130	D+0.7EQY	Combination	Min	-4495.93	1190.28	18730.68	0	
Base	65	130	D+0.7EQY	Combination	Min	-6620.83	-1289.99	18287.15	0	
Base	65	130	0.8D+WX	Combination		-3924.25	-29.53	11043.46	0	
Base	65	130	0.8D+WX	Combination		-3935.03	-27.21	11105.32	0	
Base	65	130	0.6D+0.7EQX	Combination	Max	-3522.12	-5.98	11220.55	0	
Base	65	130	0.6D+0.7EQX	Combination	Min	-4347.93	-48.44	10990.08	0	
Base	65	130	0.6D+0.7EQY	Combination	Max	-3872.58	1217.43	11327.03	0	
Base	65	130	0.6D+0.7EQY	Combination	Min	-3997.47	-1271.65	10983.6	0	
Base	66	132	Dead	Dead	LinStatic	23369.24	-2451.51	13594.23	0	
Base	66	132	Live	Live	LinStatic	-7945.24	-76.28	19732.71	0	
Base	66	132	SD	SD	LinStatic	0	0	0	0	
Base	66	132	WX	WX	LinStatic	-14.99	0.42	-7.59	0	
Base	66	132	EQX	EQX	LinRespSpec	Max	781.16	1008.63	266.28	0
Base	66	132	EQY	EQY	LinRespSpec	Max	227.46	8751.3	787.84	0
Base	66	132	1.4D+1.7L	Combination		-18223.84	-733.78	49517.53	0	
Base	66	132	0.9D+WX	Combination		-3047.31	-387.84	12227.22	0	
Base	66	132	0.9D+WX	Combination		-3032.31	-386.38	12234.81	0	
Base	66	132	0.75(1.4D+1.7L+1.7WX)	Combination		-13687	-849.5	37126.47	0	
Base	66	132	0.75(1.4D+1.7L+1.7WX)	Combination		-13667.88	-850.33	37138.15	0	
Base	66	132	0.75(1.4D+1.7L)+EQX	Combination	Max	-12296.72	66.4	37404.42	0	
Base	66	132	0.75(1.4D+1.7L)+EQX	Combination	Min	-13440.42	-1559.28	36971.87	0	
Base	66	132	0.75(1.4D+1.7L)+EQY	Combination	Min	-13440.42	8200.96	37928.98	0	
Base	66	132	0.75(1.4D+1.7L)+EQY	Combination	Min	-13695.34	-9301.63	36350.3	0	
Base	66	132	0.9D+EQX	Combination	Max	-2251.15	620.87	12501.09	0	
Base	66	132	0.9D+EQX	Combination	Min	-3813.48	-1397.29	11968.53	0	
Base	66	132	0.9D+EQY	Combination	Max	-2804.86	8362.94	13022.65	0	
Base	66	132	0.9D+EQY	Combination	Min	-3259.77	-6136.66	11448.97	0	
Base	66	132	D+L	Combination		-11314.45	-507.78	31526.94	0	
Base	66	132	D+0.75L+0.75WX	Combination		-8339.41	-488.4	27038.07	0	
Base	66	132	D+0.75L+0.75(0.7EQX)	Combination	Max	-9028.17	-488.71	27043.78	0	
Base	66	132	D+0.75L+0.75(0.7EQX)	Combination	Max	-8918.66	-49.97	27183.56	0	
Base	66	132	D+0.75L+0.75(0.7EQY)	Combination	Min	-9728.26	1018.4	26903.97	0	
Base	66	132	D+0.75L+0.75(0.7EQY)	Combination	Min	-9208.75	4105.72	27457.38	0	
Base	66	132	D+0.75L+0.75(0.7EQY)	Combination	Min	-8447.58	-5081.15	26630.15	0	

ETABS v20.0.0

Page 281 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	66	132	D+WX	Combination		-3384.23	-431.09	13596.64	0
Base	66	132	D+WX	Combination		-3389.24	-431.51	13594.23	0
Base	66	132	D+0.7EQX	Combination	Max	-2822.43	274.74	13780.83	0
Base	66	132	D+0.7EQX	Combination	Min	-3916.05	-113.78	13407.84	0
Base	66	132	D+0.7EQY	Combination	Max	-3210.02	5694.4	14145.72	0
Base	66	132	D+0.7EQY	Combination	Min	-3528.46	5557.42	13042.74	0
Base	66	132	0.8D+WX	Combination		-2036.54	-256.48	8148.95	0
Base	66	132	0.8D+WX	Combination		-2021.54	-258.9	8156.54	0
Base	66	132	0.6D+0.7EQX	Combination	Max	-1474.73	447.35	8342.93	0
Base	66	132	0.6D+0.7EQX	Combination	Min	-2568.36	-265.16	7970.14	0
Base	66	132	0.6D+0.7EQY	Combination	Max	-1862.32	5967	8708.03	0
Base	66	132	0.6D+0.7EQY	Combination	Min	-2180.76	6384.81	7605.05	0
Base	67	134	Dead	LinStatic		275.34	557.68	8835.59	0
Base	67	134	Live	LinStatic		748.16	211.2	13270.7	0
Base	67	134	SDL	LinStatic		0	0	0	0
Base	67	134	WX	LinStatic		-22.58	0.29	0.57	0
Base	67	134	WY	LinStatic		0	0	0	0
Base	67	134	EOX	LinRespSpec	Max	1188.15	53.04	37.85	0
Base	67	134	EOY	LinRespSpec	Max	578.8	1235.31	508.18	0
Base	67	134	1.4D+1.7L	Combination		1657.32	816.68	32130.02	0
Base	67	134	0.9D+WX	Combination		225.22	502.21	8152.03	0
Base	67	134	0.9D+WX	Combination		247.8	501.91	8152.03	0
Base	67	134	0.75(1.4D+1.7L+1.7WX)	Combination		1214.2	612.87	24098.24	0
Base	67	134	0.75(1.4D+1.7L+1.7WY)	Combination		1242.99	612.49	24097.51	0
Base	67	134	0.75(1.4D+1.7L)+EQX	Combination	Max	2431.14	665.54	24135.36	0
Base	67	134	0.75(1.4D+1.7L)+EQX	Combination	Min	54.85	559.45	24059.67	0
Base	67	134	0.75(1.4D+1.7L)+EQY	Combination	Max	1821.79	1847.81	24605.7	0
Base	67	134	0.75(1.4D+1.7L)+EQY	Combination	Min	684.18	-622.82	23589.33	0
Base	67	134	0.9D+EQX	Combination	Max	1435.95	554.96	8189.86	0
Base	67	134	0.9D+EQX	Combination	Min	-840.34	448.87	6114.19	0
Base	67	134	0.9D+EQY	Combination	Max	826.8	1737.23	6680.22	0
Base	67	134	0.9D+EQY	Combination	Min	-331	-733.4	5643.85	0
Base	67	134	D+L	Combination		1023.48	578.8	20106.29	0
Base	67	134	D+0.75L+0.75WX	Combination		819.51	573.74	16789.04	0
Base	67	134	D+0.75L+0.75(0.7EQX)	Combination	Max	836.45	574.52	16788.62	0
Base	67	134	D+0.75L+0.75(0.7EQX)	Combination	Min	212.67	545.68	16768.75	0
Base	67	134	D+0.75L+0.75(0.7EQY)	Combination	Max	1140.32	1222.06	17055.41	0
Base	67	134	D+0.75L+0.75(0.7EQY)	Combination	Min	532.58	-75.02	16521.82	0
Base	67	134	D+WX	Combination		252.75	557.87	6936.18	0
Base	67	134	D+WX	Combination		275.34	557.86	6835.59	0
Base	67	134	D+0.7EQX	Combination	Max	1107.04	594.81	6882.08	0
Base	67	134	D+0.7EQX	Combination	Min	-596.37	520.55	8809.1	0
Base	67	134	D+0.7EQY	Combination	Max	680.5	1422.4	7191.32	0
Base	67	134	D+0.7EQY	Combination	Min	-129.82	-307.04	6470.86	0
Base	67	134	0.6D+WX	Combination		142.82	334.9	4101.92	0
Base	67	134	0.6D+WX	Combination		165.2	334.81	4101.36	0
Base	67	134	0.6D+0.7EQX	Combination	Max	996.9	371.74	4127.85	0
Base	67	134	0.6D+0.7EQX	Combination	Min	-966.5	297.48	4074.86	0
Base	67	134	0.6D+0.7EQY	Combination	Max	570.36	1199.33	4457.09	0
Base	67	134	0.6D+0.7EQY	Combination	Min	-239.96	-530.11	3745.63	0
Base	68	136	Dead	LinStatic		456.24	-115.56	15259.59	0
Base	68	136	Live	LinStatic		1319.53	50.9	25436.43	0
Base	68	136	SDL	LinStatic		0	0	0	0
Base	68	136	WX	LinStatic		-16.44	-3.06	1.85	0
Base	68	136	EOX	LinRespSpec	Max	817.51	380.23	15.73	0
Base	68	136	EOY	LinRespSpec	Max	348.83	1467.21	97.27	0
Base	68	136	1.4D+1.7L	Combination		2881.95	-75.27	84605.38	0
Base	68	136	0.9D+WX	Combination		364.18	-107.07	13735.28	0

ETABS v20.0.0

Page 282 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kg-m
Base	68	136	0.5D+WX	Combination		410.62	-104.01	13733.63	0
Base	68	136	0.75(1.4D+1.7L+1.7WX)	Combination		2140.51	-60.35	48464.13	0
Base	68	136	0.75(1.4D+1.7L+1.7WX)	Combination		2161.46	-55.45	48454.02	0
Base	68	136	0.75(1.4D+1.7L)+EQX	Combination	Max	2678.97	323.78	48499.75	0
Base	68	136	0.75(1.4D+1.7L)+EQX	Combination	Min	1343.95	-436.67	48438.29	0
Base	68	136	0.75(1.4D+1.7L)+EQY	Combination	Max	2510.08	1410.77	49551.29	0
Base	68	136	0.75(1.4D+1.7L)+EQY	Combination	Min	1812.83	-1523.66	48366.75	0
Base	68	136	0.9D+EQX	Combination	Max	1228.13	276.22	13749.38	0
Base	68	136	0.9D+EQX	Combination	Min	-406.89	-484.21	13717.9	0
Base	68	136	0.9D+EQY	Combination	Max	759.25	1363.23	13920.9	0
Base	68	136	0.9D+EQY	Combination	Min	81.99	-1571.22	13636.36	0
Base	68	136	D+L	Combination		1775.78	-84.87	40999.02	0
Base	68	136	D+0.75L+0.75WX	Combination		1433.57	-79.89	34335.15	0
Base	68	136	D+0.75L+0.75WX	Combination		1448.69	-77.93	34336.91	0
Base	68	136	D+0.75L+0.75L+0.75EQX	Combination	Max	1675.08	122.23	34345.17	0
Base	68	136	D+0.75L+0.75L+0.75EQX	Combination	Min	1518.77	-277.01	34328.85	0
Base	68	136	D+0.75L+0.75L+0.75EQY	Combination	Max	1628.93	692.99	34387.98	0
Base	68	136	D+0.75L+0.75L+0.75EQY	Combination	Min	1202.86	-447.68	34285.84	0
Base	68	136	D+0.75L+0.75L+0.75EQY	Combination		439.81	-118.63	15261.24	0
Base	68	136	D+WX	Combination		456.24	-115.56	15269.59	0
Base	68	136	D+0.7EQX	Combination	Max	1028.5	50.78	15270.8	0
Base	68	136	D+0.7EQX	Combination	Min	-116.01	-381.72	15248.55	0
Base	68	136	D+0.7EQY	Combination	Max	700.29	911.49	15327.68	0
Base	68	136	D+0.7EQY	Combination	Min	212.2	-1142.81	15191.5	0
Base	68	136	0.6D+WX	Combination		257.31	-72.4	9157.41	0
Base	68	136	0.6D+WX	Combination		273.75	-68.82	9157.55	0
Base	68	136	0.6D+0.7EQX	Combination	Max	64	196.83	9166.77	0
Base	68	136	0.6D+0.7EQX	Combination	Min	556.51	-335.5	91447.4	0
Base	68	136	0.6D+0.7EQY	Combination	Max	57.75	957.71	9223.85	0
Base	68	136	0.6D+0.7EQY	Combination	Min	21.97	-1096.39	9057.66	0
Base	68	136	0.6D+0.7EQY	Combination		537.85	-429.22	10100.44	0
Base	69	138	Dead	LinStatic		1413.42	7.84	24042.66	0
Base	69	138	U/L	LinStatic		0	0	0	0
Base	69	138	U/L	LinStatic		0	0	0	0
Base	69	138	WX	LinStatic		-28.01	0.32	1.65	0
Base	69	138	WX	LinStatic		0	0	0	0
Base	69	138	WY	LinStatic		0	0	0	0
Base	69	138	EQX	LinRespSpec	Max	1227.22	60.47	98.3	0
Base	69	138	EQX	LinRespSpec	Min	285.13	1435.5	570.63	0
Base	69	138	0.75(1.4D+1.7L+1.7WX)	Combination		2186.81	-567.59	50519.13	0
Base	69	138	0.75(1.4D+1.7L+1.7WX)	Combination		452.49	-345.8	9094.94	0
Base	69	138	0.9D+WX	Combination		484.07	-336.3	9090.39	0
Base	69	138	0.9D+WX	Combination		2331.14	-440.28	14126.94	0
Base	69	138	0.75(1.4D+1.7L+1.7WX)	Combination		2366.86	-440.88	41299.95	0
Base	69	138	0.75(1.4D+1.7L)+EQX	Combination	Max	3504.08	-390.22	41358.15	0
Base	69	138	0.75(1.4D+1.7L)+EQX	Combination	Min	1138.64	-501.16	41181.55	0
Base	69	138	0.75(1.4D+1.7L)+EQY	Combination	Max	2651.96	994.81	41839.5	0
Base	69	138	0.75(1.4D+1.7L)+EQY	Combination	Min	2061.73	-1676.19	40880.2	0
Base	69	138	0.9D+EQX	Combination	Max	1711.29	-325.43	9188.89	0
Base	69	138	0.9D+EQX	Combination	Min	743.16	-1466.77	8965.06	0
Base	69	138	0.9D+EQY	Combination	Max	765.19	1045.21	9070.04	0
Base	69	138	0.9D+EQY	Combination	Min	1585.44	-1421.8	8510.74	0
Base	68	138	0.9D+EQY	Combination		1951.27	-421.38	34143.09	0
Base	68	138	D+L	Combination		1579.83	-423.1	28113.66	0
Base	68	138	D+0.75L+0.75WX	Combination		1597.82	-423.34	28132.43	0
Base	69	138	D+0.75L+0.75L+0.75EQX	Combination	Max	2242.21	-381.8	28184.04	0
Base	69	138	D+0.75L+0.75L+0.75EQX	Combination	Min	953.63	-455.09	28060.82	0
Base	69	138	D+0.75L+0.75L+0.75EQY	Combination	Max	1747.67	330.3	28496.75	0
Base	69	138	D+0.75L+0.75L+0.75EQY	Combination	Min	1448.23	-1176.98	27828.11	0
Base	69	138	D+WX	Combination		509.84	-428.9	10102.08	0
Base	69	138	D+WX	Combination		537.85	-429.22	10100.44	0
Base	69	138	D+0.7EQX	Combination	Max	1396.91	-386.99	10169.23	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	72	144	0.75(1.4D+1.7L)+EQ	Combination	Max	3847.88	2.68	40966.65	0
Base	72	144	0.75(1.4D+1.7L)+EQ	Combination	Min	1100.3	-3.84	40504.04	0
Base	72	144	0.75(1.4D+1.7L)+EQ	Combination	Max	2596.17	96.18	40718.62	0
Base	72	144	0.75(1.4D+1.7L)+EQ	Combination	Min	2352.01	-97.34	40888.06	0
Base	72	144	0.9D+EQ	Combination	Max	1882.87	3.23	8772.11	0
Base	72	144	0.9D+EQ	Combination	Min	-864.7	-5.29	8445.51	0
Base	72	144	0.9D+EQ	Combination	Max	631.17	96.73	8624.09	0
Base	72	144	0.9D+EQ	Combination	Min	347.01	-96.79	8593.53	0
Base	72	144	D+L	Combination	Max	2040.28	-0.46	33612.19	0
Base	72	144	D+0.75L+0.75WX	Combination	Max	1647.83	-0.57	27802.23	0
Base	72	144	D+0.75L+0.75WX	Combination	Min	1671.63	-0.36	27690.46	0
Base	72	144	D+0.75L+0.75(0.7EQX)	Combination	Max	2392.96	11.36	27862.21	0
Base	72	144	D+0.75L+0.75(0.7EQX)	Combination	Min	950.39	-2.07	27514.75	0
Base	72	144	D+0.75L+0.75(0.7EQY)	Combination	Max	1736.32	10.44	27608.5	0
Base	72	144	D+0.75L+0.75(0.7EQY)	Combination	Min	1607.53	-51.18	27562.46	0
Base	72	144	D+WX	Combination	Max	533.83	-0.06	9567.86	0
Base	72	144	D+WX	Combination	Min	565.65	-0.03	9565.34	0
Base	72	144	D+WEQ	Combination	Max	1927.3	2.25	9678.86	0
Base	72	144	D+WEQ	Combination	Min	-396	-2.32	9451.03	0
Base	72	144	D+WEQ	Combination	Max	651.11	67.7	9576.04	0
Base	72	144	D+WEQ	Combination	Min	480.2	-67.77	9554.65	0
Base	72	144	0.8D+WX	Combination	Max	307.87	-0.04	9741.55	0
Base	72	144	0.8D+WX	Combination	Min	339.39	-0.02	9739.21	0
Base	72	144	0.8D+0.7EQX	Combination	Max	1301.04	2.26	5853.32	0
Base	72	144	0.8D+0.7EQX	Combination	Min	-622.26	-2.3	5624.89	0
Base	72	144	0.8D+0.7EQY	Combination	Max	424.85	67.71	5749.82	0
Base	72	144	0.8D+0.7EQY	Combination	Min	253.94	-67.78	5728.51	0
Base	72	144	0.8D+0.7EQY	Combination	Max	574.78	-2.03	9565.19	0
Base	73	146	Dead	LinStatic	Max	1496.71	-1.82	24046.65	0
Base	73	146	Dead	LinStatic	Min	0	0	0	0
Base	73	146	SD	LinStatic	Max	0	0	0	0
Base	73	146	SD	LinStatic	Min	-33.51	0.3	3.43	0
Base	73	146	WX	LinStatic	Max	0	0	0	0
Base	73	146	WX	LinStatic	Min	0	0	0	0
Base	73	146	EQ	LinRespSpec	Max	1423.15	3.3	194.72	0
Base	73	146	EQ	LinRespSpec	Min	56.34	96.59	7.13	0
Base	73	146	1.4D+1.7L	Combination	Max	3349.09	-5.95	4250.57	0
Base	73	146	1.4D+1.7L	Combination	Min	483.79	-1.53	9572.01	0
Base	73	146	0.8D+WX	Combination	Max	517.3	-1.13	9608.67	0
Base	73	146	0.8D+WX	Combination	Min	2469.09	-4.08	40707.3	0
Base	73	146	0.75(1.4D+1.7L+1.7WX)	Combination	Max	2511.82	-4.46	40702.93	0
Base	73	146	0.75(1.4D+1.7L+1.7WX)	Combination	Min	3934.87	-1.18	40697.65	0
Base	73	146	0.75(1.4D+1.7L)+EQX	Combination	Max	1088.66	-7.76	40508.21	0
Base	73	146	0.75(1.4D+1.7L)+EQX	Combination	Min	2568.18	92.13	40710.04	0
Base	73	146	0.75(1.4D+1.7L)+EQY	Combination	Max	2455.48	-101.06	40695.8	0
Base	73	146	0.75(1.4D+1.7L)+EQY	Combination	Min	1840.45	-1.47	8603.39	0
Base	73	146	0.9D+EQX	Combination	Max	-905.85	-5.13	8413.96	0
Base	73	146	0.9D+EQX	Combination	Min	573.64	94.76	8615.8	0
Base	73	146	0.9D+EQY	Combination	Max	460.96	-96.43	8601.55	0
Base	73	146	0.9D+EQY	Combination	Min	2071.46	-3.88	33611.64	0
Base	73	146	D+L	Combination	Max	1672.17	-2.18	27602.75	0
Base	73	146	D+0.75L+0.75WX	Combination	Max	1697.21	-3.4	27600.18	0
Base	73	146	D+0.75L+0.75WX	Combination	Min	2444.46	-1.67	27702.41	0
Base	73	146	D+0.75L+0.75(0.7EQX)	Combination	Max	950.15	-5.13	27497.95	0
Base	73	146	D+0.75L+0.75(0.7EQX)	Combination	Min	1726.89	47.31	27603.92	0
Base	73	146	D+0.75L+0.75(0.7EQY)	Combination	Max	1667.73	-54.11	27598.44	0
Base	73	146	D+0.75L+0.75(0.7EQY)	Combination	Min	541.26	-1.73	9568.62	0
Base	73	146	D+WX	Combination	Max	574.78	-2.03	9565.19	0
Base	73	146	D+WEQ	Combination	Max	1570.99	0.28	9701.5	0
Base	73	146	D+WEQ	Combination	Min	-421.43	-4.34	9428.89	0
Base	73	146	D+WEQ	Combination	Max	614.22	65.56	9670.18	0
Base	73	146	D+WEQ	Combination	Min	535.34	-69.65	9560.2	0

ETABS v20.0.0

Page 285 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	73	146	0.8D+WX	Combination	Max	314.35	-0.92	5740.54	0
Base	73	146	0.8D+WX	Combination	Min	344.87	-1.22	5739.12	0
Base	73	146	0.8D+0.7EQX	Combination	Max	1341.07	1.09	8875.42	0
Base	73	146	0.8D+0.7EQX	Combination	Min	-651.34	-3.53	5602.81	0
Base	73	146	0.8D+0.7EQY	Combination	Max	384.3	68.4	5744.11	0
Base	73	146	0.8D+0.7EQY	Combination	Min	305.43	-88.84	5734.13	0
Base	75	150	Dead	LinStatic	Max	583.19	0.24	9565.58	0
Base	75	150	Dead	LinStatic	Min	1511.46	-3.43	24045.15	0
Base	75	150	SD	LinStatic	Max	0	0	0	0
Base	75	150	SD	LinStatic	Min	-33.85	-0.19	3.86	0
Base	75	150	WX	LinStatic	Max	0	0	0	0
Base	75	150	WX	LinStatic	Min	0	0	0	0
Base	75	150	EQ	LinRespSpec	Max	1483.23	4.03	223.3	0
Base	75	150	EQ	LinRespSpec	Min	142.75	102.28	14.94	0
Base	75	150	1.4D+1.7L	Combination	Max	3385.95	-5.49	54266.58	0
Base	75	150	1.4D+1.7L	Combination	Min	491.02	0.03	8612.88	0
Base	75	150	0.8D+WX	Combination	Max	524.87	0.22	9569.02	0
Base	75	150	0.8D+WX	Combination	Min	2498.31	-4.36	40706.1	0
Base	75	150	0.75(1.4D+1.7L+1.7WX)	Combination	Max	2538.46	-4.12	40701.43	0
Base	75	150	0.75(1.4D+1.7L+1.7WX)	Combination	Min	4002.7	-0.09	40694.73	0
Base	75	150	0.75(1.4D+1.7L)+EQX	Combination	Max	1078.23	-5.15	40478.13	0
Base	75	150	0.75(1.4D+1.7L)+EQX	Combination	Min	2682.21	98.16	40716.37	0
Base	75	150	0.75(1.4D+1.7L)+EQY	Combination	Max	2396.72	-106.4	40688.5	0
Base	75	150	0.75(1.4D+1.7L)+EQY	Combination	Min	1988.1	4.25	8632.32	0
Base	75	150	0.9D+EQX	Combination	Max	-936.36	-3.81	8365.72	0
Base	75	150	0.9D+EQX	Combination	Min	667.62	102.5	8632.96	0
Base	75	150	0.9D+EQY	Combination	Max	352.12	-102.06	8594.06	0
Base	75	150	0.9D+EQY	Combination	Min	2084.65	-3.19	33610.74	0
Base	75	150	D+L	Combination	Max	1691.4	-2.47	27602.19	0
Base	75	150	D+0.75L+0.75WX	Combination	Max	1716.79	-2.33	27599.45	0
Base	75	150	D+0.75L+0.75(0.7EQX)	Combination	Max	2484.98	-2.21	27716.66	0
Base	75	150	D+0.75L+0.75(0.7EQX)	Combination	Min	945.59	-4.45	27482.22	0
Base	75	150	D+0.75L+0.75(0.7EQY)	Combination	Max	1781.73	51.36	27602.29	0
Base	75	150	D+0.75L+0.75(0.7EQY)	Combination	Min	1641.84	-56.03	27591.61	0
Base	75	150	D+WX	Combination	Max	549.34	0.06	9569.24	0
Base	75	150	D+WX	Combination	Min	583.19	0.24	9565.58	0
Base	75	150	D+WEQ	Combination	Max	1607.45	3.07	9721.89	0
Base	75	150	D+WEQ	Combination	Min	-441.08	-2.58	9409.27	0
Base	75	150	D+WEQ	Combination	Max	683.11	71.84	9578.04	0
Base	75	150	D+WEQ	Combination	Min	483.26	-71.35	9555.13	0
Base	75	150	0.8D+WX	Combination	Max	316.07	-0.04	5743.01	0
Base	75	150	0.8D+WX	Combination	Min	349.91	0.15	5739.35	0
Base	75	150	0.8D+0.7EQX	Combination	Max	1374.17	2.97	8495.66	0
Base	75	150	0.8D+0.7EQX	Combination	Min	-674.35	-2.87	5583.04	0
Base	75	150	0.8D+0.7EQY	Combination	Max	449.84	71.74	5749.81	0
Base	75	150	0.8D+0.7EQY	Combination	Min	249.59	-71.45	5728.89	0
Base	76	152	Dead	LinStatic	Max	574.75	-0.97	9568.87	0
Base	76	152	Dead	LinStatic	Min	1492.52	-4.46	24047.88	0
Base	76	152	SD	LinStatic	Max	0	0	0	0
Base	76	152	SD	LinStatic	Min	-31.92	-0.03	2.17	0
Base	76	152	WX	LinStatic	Max	0	0	0	0
Base	76	152	WX	LinStatic	Min	0	0	0	0
Base	76	152	EQ	LinRespSpec	Max	1316.77	6.17	101.88	0
Base	76	152	EQ	LinRespSpec	Min	239.43	130.12	10.01	0
Base	76	152	1.4D+1.7L	Combination	Max	3341.92	-8.25	54272.82	0
Base	76	152	1.4D+1.7L	Combination	Min	485.35	-0.9	8614.15	0
Base	76	152	0.8D+WX	Combination	Max	517.27	-0.07	9561.99	0
Base	76	152	0.8D+WX	Combination	Min	2465.74	-6.75	40711.13	0
Base	76	152	0.75(1.4D+1.7L+1.7WX)	Combination	Max	2508.44	-8.71	40708.37	0
Base	76	152	0.75(1.4D+1.7L+1.7WX)	Combination	Min	3825.21	-0.54	40612.26	0
Base	76	152	0.75(1.4D+1.7L)+EQX	Combination	Max	1167.67	-12.88	40606.48	0
Base	76	152	0.75(1.4D+1.7L)+EQX	Combination	Min	2745.87	123.41	40718.38	0

ETABS v20.0.0

Page 286 of 375

วิศวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เจริญศรีชัย ว.1754

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	76	152	0.75(1.4D+1.7L)+EQY	Combination	Min	2267.01	-136.83	40956.36	0
Base	76	152	0.9D+EQX	Combination	Max	1839.04	5.29	8713.85	0
Base	76	152	0.9D+EQX	Combination	Min	-801.5	-7.04	8510.1	0
Base	76	152	0.9D+EQY	Combination	Max	756.7	129.25	8622	0
Base	76	152	0.9D+EQY	Combination	Min	277.84	-130.99	8601.98	0
Base	76	152	D+L	Combination	Max	2067.26	-5.43	33616.76	0
Base	76	152	D+0.75L+0.75WX	Combination	Max	1670.18	-4.34	27606.41	0
Base	76	152	D+0.75L+0.75(0.7EQX)	Combination	Max	2386.49	-1.08	27658.26	0
Base	76	152	D+0.75L+0.75(0.7EQX)	Combination	Min	1001.78	-7.56	27551.29	0
Base	76	152	D+0.75L+0.75(0.7EQY)	Combination	Max	1819.83	63.99	27610.53	0
Base	76	152	D+0.75L+0.75(0.7EQY)	Combination	Min	1586.83	-72.83	27599.04	0
Base	76	152	D+W	Combination	Max	842.31	-1	92.54	0
Base	76	152	D+W	Combination	Min	874.73	-0.97	9568.87	0
Base	76	152	D+W	Combination	Max	1457.89	3.35	9642	0
Base	76	152	D+0.7EQX	Combination	Max	-348.4	-5.29	9497.55	0
Base	76	152	D+0.7EQX	Combination	Min	742.34	90.11	9575.88	0
Base	76	152	D+0.7EQY	Combination	Min	407.15	-92.05	9561.87	0
Base	76	152	0.6D+W	Combination	Max	312.93	-0.61	5743.49	0
Base	76	152	0.6D+W	Combination	Max	344.85	-0.58	5741.32	0
Base	76	152	0.6D+0.7EQX	Combination	Max	1267.99	3.73	5812.65	0
Base	76	152	0.6D+0.7EQX	Combination	Min	-578.29	-4.9	5870	0
Base	76	152	0.6D+0.7EQY	Combination	Max	512.45	90.5	5748.33	0
Base	76	152	0.6D+0.7EQY	Combination	Min	177.26	-91.67	5734.32	0
Base	77	154	Dead	LinStatic	Max	328.47	3.63	10096.31	0
Base	77	154	Live	LinStatic	Max	878.36	-16.92	12124.06	0
Base	77	154	SDL	LinStatic	Max	-21.06	0	14.31	0
Base	77	154	WX	LinStatic	Max	0	0	0	0
Base	77	154	WY	LinStatic	Max	0	0	0	0
Base	77	154	EQX	LinRespSpec	Max	967.25	1077.81	14	0
Base	77	154	EQY	LinRespSpec	Max	378.23	9081.84	21.48	0
Base	77	154	1.4D+1.7L	Combination	Max	1953.09	-6.88	34691.73	0
Base	77	154	0.9D+W	Combination	Max	274.56	7.49	9046.99	0
Base	77	154	0.9D+W	Combination	Max	296.62	3.27	9032.88	0
Base	77	154	0.75(1.4D+1.7L+1.7W)	Combination	Max	1437.96	-0.37	26014.55	0
Base	77	154	0.75(1.4D+1.7L+1.7W)	Combination	Max	1464.82	-5.01	25996.3	0
Base	77	154	0.75(1.4D+1.7L)+EQX	Combination	Max	2432.07	107.28	26103.3	0
Base	77	154	0.75(1.4D+1.7L)+EQX	Combination	Min	497.57	-1062.82	25692.3	0
Base	77	154	0.75(1.4D+1.7L)+EQY	Combination	Max	1843.05	9076.83	26017.77	0
Base	77	154	0.75(1.4D+1.7L)+EQY	Combination	Min	1098.29	-249.86	25976.82	0
Base	77	154	0.9D+EQX	Combination	Max	129.87	1081.08	9046.67	0
Base	77	154	0.9D+EQX	Combination	Min	-671.81	1074.54	9016.88	0
Base	77	154	0.9D+EQY	Combination	Max	637.85	9055.11	9054.15	0
Base	77	154	0.9D+EQY	Combination	Min	-32.61	-9078.87	9011.2	0
Base	77	154	D+L	Combination	Max	1206.84	-3.29	22160.37	0
Base	77	154	D+0.75L+0.75WX	Combination	Max	971.45	-1.61	18140.08	0
Base	77	154	D+0.75L+0.75WX	Combination	Max	987.25	-1.56	18129.35	0
Base	77	154	D+0.75L+0.75(0.7EQX)	Combination	Max	1495.05	564.26	19136.37	0
Base	77	154	D+0.75L+0.75(0.7EQX)	Combination	Min	479.44	-567.41	19122	0
Base	77	154	D+0.75L+0.75(0.7EQY)	Combination	Max	1195.82	4788.41	19110.68	0
Base	77	154	D+0.75L+0.75(0.7EQY)	Combination	Min	788.68	-4789.53	19140.68	0
Base	77	154	D+W	Combination	Max	307.4	-7.84	10095.82	0
Base	77	154	D+W	Combination	Max	315.47	3.63	10096.31	0
Base	77	154	D+W	Combination	Max	1005.54	75.1	10036.1	0
Base	77	154	D+0.7EQX	Combination	Max	-348.51	-75.84	10026.51	0
Base	77	154	D+0.7EQX	Combination	Max	593.23	6390.82	10951.34	0
Base	77	154	D+0.7EQY	Combination	Min	63.71	-6353.66	10021.27	0
Base	77	154	0.8D+W	Combination	Max	176.02	6.4	6036.1	0
Base	77	154	0.8D+W	Combination	Max	197.06	2.18	6021.78	0
Base	77	154	0.6D+0.7EQX	Combination	Max	874.15	755.65	6035.68	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	79	158	0.9D+EQY	Combination	Min	446.48	2440.25	14288.04	0
Base	79	158	0.9D+EQY	Combination	Max	-261.79	-2868.78	13987.08	0
Base	79	158	D+L	Combination	Min	373.65	-228.6	41988.71	0
Base	79	158	D+0.75L+0.75WX	Combination	Max	293.8	-238.96	35421.13	0
Base	79	158	D+0.75L+0.75WX	Combination	Min	305.89	-233.46	35418.63	0
Base	79	158	D+0.75L+0.75(0.7EQX)	Combination	Max	720.77	85.55	35427.69	0
Base	79	158	D+0.75L+0.75(0.7EQX)	Combination	Min	-108.99	-535.48	35400.57	0
Base	79	158	D+0.75L+0.75(0.7EQY)	Combination	Max	491.61	1164.88	35497.63	0
Base	79	158	D+0.75L+0.75(0.7EQY)	Combination	Min	119.97	-1631.6	35339.63	0
Base	79	158	D+WX	Combination	Max	86.49	-255.39	15711.73	0
Base	79	158	D+WX	Combination	Min	102.6	-248.07	15708.4	0
Base	79	158	D+0.7EQX	Combination	Max	655.77	154.63	15722.49	0
Base	79	158	D+0.7EQX	Combination	Min	-450.57	-450.78	15696.31	0
Base	79	158	D+0.7EQY	Combination	Max	350.5	1616.38	15813.74	0
Base	79	158	D+0.7EQY	Combination	Min	-145.29	-212.52	15603.06	0
Base	79	158	0.6D+WX	Combination	Max	45.44	-156.17	9428.37	0
Base	79	158	0.6D+WX	Combination	Min	61.56	-148.84	9425.04	0
Base	79	158	0.6D+0.7EQX	Combination	Max	614.73	253.85	9437.12	0
Base	79	158	0.6D+0.7EQX	Combination	Min	-491.61	-551.53	9412.95	0
Base	79	158	0.6D+0.7EQY	Combination	Max	309.46	1715.61	9530.38	0
Base	79	158	0.6D+0.7EQY	Combination	Min	-186.33	-2013.29	9319.7	0
Base	80	160	Dead	LinStatic	Max	71.96	-21.73	11042.72	0
Base	80	160	Live	LinStatic	Max	208.11	-3.53	25052.5	0
Base	80	160	SDL	LinStatic	Max	0	0	0	0
Base	80	160	WX	LinStatic	Max	-25.49	0.95	-0.08	0
Base	80	160	EQY	LinRespSpec	Max	1110.8	165.18	20.57	0
Base	80	160	EQY	LinRespSpec	Max	269.87	2463.13	131.42	0
Base	80	160	1.4D+1.7L	Combination	Max	454.56	-36.42	58048.08	0
Base	80	160	0.8D+WX	Combination	Max	39.23	-19.61	9938.39	0
Base	80	160	0.8D+WX	Combination	Min	64.78	-15.56	9934.44	0
Base	80	160	0.75(1.4D+1.7L+1.7WX)	Combination	Max	308.43	-26.11	43536.72	0
Base	80	160	0.75(1.4D+1.7L+1.7WX)	Combination	Min	340.92	-27.32	43536.79	0
Base	80	160	0.75(1.4D+1.7L)+EQX	Combination	Max	1451.72	137.87	43597.38	0
Base	80	160	0.75(1.4D+1.7L)+EQX	Combination	Min	-789.87	-192.5	43516.22	0
Base	80	160	0.75(1.4D+1.7L)+EQY	Combination	Max	610.5	2332.82	43698.21	0
Base	80	160	0.75(1.4D+1.7L)+EQY	Combination	Min	71.35	-238.45	43465.37	0
Base	80	160	0.9D+EQX	Combination	Max	1175.58	145.63	9699.01	0
Base	80	160	0.9D+EQX	Combination	Min	-1048.01	-184.74	9917.88	0
Base	80	160	0.9D+EQY	Combination	Max	334.36	2340.58	10069.86	0
Base	80	160	0.9D+EQY	Combination	Min	-204.79	-2379.89	9907.03	0
Base	80	160	D+L	Combination	Max	280.09	-25.26	36095.22	0
Base	80	160	D+0.75L+0.75WX	Combination	Max	208.95	-23.66	29832.05	0
Base	80	160	D+0.75L+0.75WX	Combination	Min	228.06	-24.38	29832.09	0
Base	80	160	D+0.75L+0.75(0.7EQX)	Combination	Max	811.23	62.35	29842.89	0
Base	80	160	D+0.75L+0.75(0.7EQX)	Combination	Min	-355.1	-111.1	29821.29	0
Base	80	160	D+0.75L+0.75(0.7EQY)	Combination	Max	369.59	1214.69	29901.09	0
Base	80	160	D+0.75L+0.75(0.7EQY)	Combination	Min	86.54	-1263.45	29763.1	0
Base	80	160	D+WX	Combination	Max	46.49	-20.78	11042.86	0
Base	80	160	D+WX	Combination	Min	71.96	-21.73	11042.72	0
Base	80	160	D+0.7EQX	Combination	Max	649.54	93.9	11057.11	0
Base	80	160	D+0.7EQX	Combination	Min	-705.58	-137.38	11028.32	0
Base	80	160	D+0.7EQY	Combination	Max	260.68	1630.36	11341.71	0
Base	80	160	D+0.7EQY	Combination	Min	-116.72	-1673.82	10950.72	0
Base	80	160	0.6D+WX	Combination	Max	17.7	-12.09	6625.57	0
Base	80	160	0.6D+WX	Combination	Min	43.19	-13.04	6625.63	0
Base	80	160	0.6D+0.7EQX	Combination	Max	820.74	102.59	6625.63	0
Base	80	160	0.6D+0.7EQX	Combination	Min	-734.37	-126.87	6611.23	0
Base	80	160	0.6D+0.7EQY	Combination	Max	231.89	1639.06	6717.62	0
Base	80	160	0.6D+0.7EQY	Combination	Min	-146.51	-1665.13	6533.84	0

ETABS v20.0.0

Page 289 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	81	162	Dead	LinStatic	Max	86.41	5.42	11047.41	0
Base	81	162	Live	LinStatic	Max	244.87	-9.38	25051.98	0
Base	81	162	SDL	LinStatic	Max	0	0	0	0
Base	81	162	WX	LinStatic	Max	-27.26	0.96	0.25	0
Base	81	162	EQY	LinRespSpec	Max	1150.88	137.18	3.07	0
Base	81	162	EQY	LinRespSpec	Max	177.63	2138.02	5	0
Base	81	162	1.4D+1.7L	Combination	Max	537.26	-3.26	55054.74	0
Base	81	162	0.9D+WX	Combination	Max	50.41	5.53	9942.92	0
Base	81	162	0.9D+WX	Combination	Min	77.77	-4.88	9942.87	0
Base	81	162	0.75(1.4D+1.7L+1.7WX)	Combination	Max	368.07	-5.43	43541.37	0
Base	81	162	0.75(1.4D+1.7L+1.7WX)	Combination	Min	402.94	-5.27	43541.05	0
Base	81	162	0.75(1.4D+1.7L)+EQX	Combination	Max	1533.83	130.89	43544.13	0
Base	81	162	0.75(1.4D+1.7L)+EQX	Combination	Min	-727.94	-143.43	43537.96	0
Base	81	162	0.75(1.4D+1.7L)+EQY	Combination	Max	580.58	2131.75	43546.06	0
Base	81	162	0.75(1.4D+1.7L)+EQY	Combination	Min	225.31	-2144.3	43536.05	0
Base	81	162	0.9D+EQX	Combination	Max	1206.65	142.04	9945.75	0
Base	81	162	0.9D+EQX	Combination	Min	-1053.11	-132.28	9939.8	0
Base	81	162	0.9D+EQY	Combination	Max	295.4	2142.9	9947.87	0
Base	81	162	0.9D+EQY	Combination	Min	-59.86	-2133.15	9937.67	0
Base	81	162	D+L	Combination	Max	249.56	-21.12	29836.58	0
Base	81	162	D+0.75L+0.75WX	Combination	Max	270.07	-1.82	29836.39	0
Base	81	162	D+0.75L+0.75(0.7EQX)	Combination	Max	863.78	70.39	29836.01	0
Base	81	162	D+0.75L+0.75(0.7EQX)	Combination	Min	-323.65	-73.63	29834.78	0
Base	81	162	D+0.75L+0.75(0.7EQY)	Combination	Max	363.32	1120.85	29836.02	0
Base	81	162	D+0.75L+0.75(0.7EQY)	Combination	Min	176.81	-1124.08	29833.77	0
Base	81	162	D+WX	Combination	Max	59.05	6.08	11047.67	0
Base	81	162	D+WX	Combination	Min	86.41	5.42	11047.41	0
Base	81	162	D+0.7EQX	Combination	Max	878.03	101.43	11049.57	0
Base	81	162	D+0.7EQX	Combination	Min	-705.21	-90.59	11045.26	0
Base	81	162	D+0.7EQY	Combination	Max	216.78	1602.04	11050.92	0
Base	81	162	D+0.7EQY	Combination	Min	-37.83	-1491.2	11043.91	0
Base	81	162	0.6D+WX	Combination	Max	24.49	-3.91	6628.7	0
Base	81	162	0.6D+WX	Combination	Min	51.85	-3.25	6628.45	0
Base	81	162	0.6D+0.7EQX	Combination	Max	843.46	99.28	6630.6	0
Base	81	162	0.6D+0.7EQX	Combination	Min	-739.77	-92.76	6628.3	0
Base	81	162	0.6D+0.7EQY	Combination	Max	176.18	1499.87	6631.95	0
Base	81	162	0.6D+0.7EQY	Combination	Min	-72.5	-1493.37	6624.95	0
Base	83	166	Dead	LinStatic	Max	87.97	-7.47	11048.74	0
Base	83	166	Live	LinStatic	Max	274.23	-18.25	25062.34	0
Base	83	166	SDL	LinStatic	Max	0	0	0	0
Base	83	166	WX	LinStatic	Max	-26.64	0.77	0.25	0
Base	83	166	EQY	LinRespSpec	Max	1149.75	139.44	3.34	0
Base	83	166	EQY	LinRespSpec	Max	107.75	2179.25	1.15	0
Base	83	166	1.4D+1.7L	Combination	Max	603.36	-41.48	55057.22	0
Base	83	166	0.9D+WX	Combination	Max	59.53	-5.95	9944.12	0
Base	83	166	0.9D+WX	Combination	Min	88.17	-6.72	9943.87	0
Base	83	166	0.75(1.4D+1.7L+1.7WX)	Combination	Max	416	-30.13	43543.23	0
Base	83	166	0.75(1.4D+1.7L+1.7WX)	Combination	Min	452.52	-31.11	43542.92	0
Base	83	166	0.75(1.4D+1.7L)+EQX	Combination	Max	1602.27	106.33	43546.28	0
Base	83	166	0.75(1.4D+1.7L)+EQX	Combination	Min	-497.24	-170.55	43539.58	0
Base	83	166	0.75(1.4D+1.7L)+EQY	Combination	Max	580.27	2148.14	43544.07	0
Base	83	166	0.75(1.4D+1.7L)+EQY	Combination	Min	344.77	-2210.37	43541.76	0
Base	83	166	0.9D+EQX	Combination	Max	1237.93	152.72	9947.21	0
Base	83	166	0.9D+EQX	Combination	Min	-1061.58	-146.16	9940.53	0
Base	83	166	0.9D+EQY	Combination	Max	196.92	2172.53	9945.02	0
Base	83	166	0.9D+EQY	Combination	Min	-19.58	-2185.87	9942.72	0
Base	83	166	D+L	Combination	Max	372.2	-25.72	29810.08	0

ETABS v20.0.0

Page 290 of 375

วิศวกรผู้ออกแบบงานโครงสร้าง

นายสมภพ เจริญจันทร์ วย.1754

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgm
Base	83	166	D+0.75L+0.75WX	Combination		282.16	-20.56	29836.18	0
Base	83	166	D+0.75L+0.75WX	Combination		303.89	-21.16	29836	0
Base	83	166	D+0.75L+0.75(0.7EQX)	Combination	Max	907.27	32.05	29836.75	0
Base	83	166	D+0.75L+0.75(0.7EQX)	Combination	Min	-299.87	-34.36	29836.25	0
Base	83	166	D+0.75L+0.75(0.7EQY)	Combination	Max	360.22	1122.95	29838.8	0
Base	83	166	D+0.75L+0.75(0.7EQY)	Combination	Min	247.08	-1105.26	29837.4	0
Base	83	166	D+WX	Combination		69.33	-6.7	11048.99	0
Base	83	166	D+WX	Combination		97.97	-7.47	11048.74	0
Base	83	166	D+0.7EQX	Combination	Max	902.8	90.14	11051.08	0
Base	83	166	D+0.7EQX	Combination	Min	-706.86	-105.07	11045.41	0
Base	83	166	D+0.7EQY	Combination	Max	173.4	1518.01	11049.55	0
Base	83	166	D+0.7EQY	Combination	Min	22.55	-532.84	11047.84	0
Base	83	166	0.6D+WX	Combination		33.14	-3.71	9625.49	0
Base	83	166	0.6D+WX	Combination		56.71	-4.43	9625.25	0
Base	83	166	0.6D+0.7EQX	Combination		663.61	83.61	931.58	0
Base	83	166	0.6D+0.7EQX	Combination	Min	-746.05	-102.09	9628.91	0
Base	83	166	0.6D+0.7EQX	Combination	Max	134.21	152.1	9630.05	0
Base	83	166	0.6D+0.7EQY	Combination	Min	-116.84	-1529.36	9628.44	0
Base	84	168	Dead	LinStatic		106	-18.85	11047.63	0
Base	84	168	LDL	LinStatic		266.22	-27.47	25052.15	0
Base	84	168	Live	LinStatic		0	0	0	0
Base	84	168	WX	LinStatic		-28.98	0.83	0.26	0
Base	84	168	WY	LinStatic		0	0	0	0
Base	84	168	EQX	LinRespSpec	Max	1193.84	138.21	3.18	0
Base	84	168	EQY	LinRespSpec	Max	52.97	217.28	2.9	0
Base	84	168	1.4D+1.7L	Combination		951.98	-72.8	99095.53	0
Base	84	168	0.9D+WX	Combination		66.41	-15.95	9942.12	0
Base	84	168	0.9D+WX	Combination		95.4	-16.78	9942.26	0
Base	84	168	0.9D+0.7EQY	Combination		452.54	-53.54	43541.8	0
Base	84	168	0.75(1.4D+1.7L+1.7WX)	Combination		403.99	-54.8	43541.48	0
Base	84	168	0.75(1.4D+1.7L+0.7EQY)	Combination	Max	1642.63	83.81	43544.85	0
Base	84	168	0.75(1.4D+1.7L+0.7EQY)	Combination	Min	-264.68	-1192.82	43538.3	0
Base	84	168	0.75(1.4D+1.7L+EQY)	Combination	Max	541.96	218.2	43544.38	0
Base	84	168	0.75(1.4D+1.7L+EQY)	Combination	Min	-436.01	-2228.4	43538.59	0
Base	84	168	0.9D+EQX	Combination	Max	1249.04	121.43	9946.04	0
Base	84	168	0.9D+EQX	Combination	Min	-1056.25	-154.99	9939.65	0
Base	84	168	0.9D+EQY	Combination	Max	148.37	2157.02	9946.76	0
Base	84	168	0.9D+EQY	Combination	Min	-42.42	-2180.58	9939.96	0
Base	84	168	DL	Combination		402.22	-46.12	30096.76	0
Base	84	168	D+0.75L+0.75WX	Combination		306.43	-38.68	29846.92	0
Base	84	168	D+0.75L+0.75WX	Combination		331.17	-39.25	29836.73	0
Base	84	168	D+0.75L+0.75(0.7EQX)	Combination	Max	933.83	33.31	29836.39	0
Base	84	168	D+0.75L+0.75(0.7EQX)	Combination	Min	-277.5	-11.81	29835.06	0
Base	84	168	D+0.75L+0.75(0.7EQY)	Combination	Max	355.98	1102	29936.25	0
Base	84	168	D+0.75L+0.75(0.7EQY)	Combination	Min	300.36	-1180.49	29835.2	0
Base	84	168	D+WX	Combination		77.01	-17.82	11047.88	0
Base	84	168	D+WX	Combination		106	-18.65	11047.83	0
Base	84	168	D+0.7EQX	Combination	Max	913.55	78.11	11048.85	0
Base	84	168	D+0.7EQX	Combination	Min	-701.56	-115.4	11045.4	0
Base	84	168	D+0.7EQY	Combination	Max	143.09	1903.01	11049.66	0
Base	84	168	D+0.7EQY	Combination	Min	68.91	-1540.31	11045.6	0
Base	84	168	0.6D+WX	Combination		34.62	-3.96	9626.83	0
Base	84	168	0.6D+WX	Combination		53.6	-11.19	9625.56	0
Base	84	168	0.6D+0.7EQX	Combination	Max	871.15	85.96	9630.8	0
Base	84	168	0.6D+0.7EQX	Combination	Min	-743.95	-101.94	9628.35	0
Base	84	168	0.6D+0.7EQY	Combination	Max	100.68	1510.47	9630.81	0
Base	84	168	0.6D+0.7EQY	Combination	Min	26.51	-1532.85	9626.55	0
Base	86	172	Dead	LinStatic		115.55	-14.24	11047.4	0
Base	86	172	Live	LinStatic		305.56	-47.11	25052.02	0
Base	86	172	SDL	LinStatic		0	0	0	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	87	174	D=0.75L+0.75(0.7EQX)	Combination	Max	-290.86	-143.17	29825.66	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Max	442.87	1288.38	2939.42	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Min	207.32	-1376.83	29737.59	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Max	81.62	5.18	11054.34	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Min	110.47	5.42	11054.43	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Max	831.74	137.34	11071.56	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Min	-710.8	-126.51	11037.3	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Max	297.5	1782.23	11188.98	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Min	-46.56	-1771.39	10819.87	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Max	37.43	4.02	6632.57	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Min	66.28	3.25	6632.66	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Max	887.56	135.18	6648.78	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Min	-754.99	-128.67	6615.53	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Max	223.31	1790.06	6787.21	0
Base	87	174	D=0.75L+0.75(0.7EQY)	Combination	Min	-90.75	-1773.56	6498.1	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	156.08	288.54	10759.83	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	411.02	-48.17	12539.85	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	0	0	0	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-19.94	9.36	-1.54	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	0	0	0	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	0	0	0	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	948.47	716.1	57.6	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	453.72	4523.22	689.7	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	921.45	-501.24	36368.57	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	123.23	-280.23	9674.21	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	143.17	-299.59	9675.74	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	665.85	-364	27274.45	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	691.09	-375.93	27276.43	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	1439.56	340.18	27354.83	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-257.38	-1092.03	27218.82	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	1144.21	4147.29	27946.12	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	237.37	4899.15	28068.73	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	1091.64	-446.51	8735.38	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-805.3	-985.68	9618.14	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	596.89	4253.63	10345.44	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-310.55	-4792.81	9006.04	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	570.1	-347.71	23290.48	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	452.39	-328.65	20154.41	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	467.35	-335.67	20155.57	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	965.29	40.28	20155.81	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-30.6	771.82	20126.33	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	705.55	2035.02	20507.18	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	229.14	-2710.36	19603.87	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	138.14	-290.18	10749.29	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	150.08	-249.54	10750.83	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	823.01	201.73	10791.15	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	504.85	-800.61	10710.51	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	476.88	2866.71	11219.82	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-158.52	-2465.79	10282.04	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	75.51	-170.36	6448.96	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	95.45	-179.72	6450.5	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	759.38	321.54	6490.82	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-588.48	-680.89	6470.83	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	413.05	2986.53	6919.29	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-222.16	-3345.86	5981.71	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	274.1	560.93	7151.48	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	673.5	8.82	14053.81	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	0	0	0	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	0	0	0	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	-21.87	0.61	-0.21	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	0	0	0	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Min	0	0	0	0
Base	88	176	D=0.75L+0.75(0.7EQY)	Combination	Max	1105.26	119.36	95.37	0

Page 293 of 375

ETABS v20.0.0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	89	178	EQY	LinRespSpec	Max	602.08	1161.13	421.24	0
Base	89	178	1.4D+1.7L	Combination		1528.89	796.9	33903.54	0
Base	89	178	0.8D+WY	Combination		225.02	505.45	6436.12	0
Base	89	178	0.8D+WY	Combination		246.89	504.83	6436.33	0
Base	89	178	0.75(1.4D+1.7L+1.7W)	Combination		1118.88	598.48	25427.38	0
Base	89	178	0.75(1.4D+1.7L+1.7W)	Combination		1148.51	597.87	25427.85	0
Base	89	178	0.75(1.4D+1.7L)+EQX	Combination	Max	2251.79	717.04	25468.03	0
Base	89	178	0.75(1.4D+1.7L)+EQX	Combination	Min	41.24	478.31	25398.28	0
Base	89	178	0.75(1.4D+1.7L)+EQY	Combination	Max	1748.8	1758.81	25848.9	0
Base	89	178	0.75(1.4D+1.7L)+EQY	Combination	Min	544.43	-583.46	25008.41	0
Base	89	178	0.8D+EQX	Combination	Max	1351.96	62.42	6484.7	0
Base	89	178	0.8D+EQX	Combination	Min	-558.59	355.47	6377.96	0
Base	89	178	0.8D+EQY	Combination	Max	848.77	1665.97	6857.57	0
Base	89	178	0.8D+EQY	Combination	Min	-355.4	-656.3	6015.09	0
Base	89	178	0.8D+EQY	Combination	Max	947.8	567.75	21205.28	0
Base	89	178	D+L	Combination		782.97	566.51	17891.87	0
Base	89	178	D+0.75L+0.75W	Combination		779.22	566.04	17891.83	0
Base	89	178	D+0.75L+0.75(0.7EQX)	Combination	Max	1359.48	828.71	17722.48	0
Base	89	178	D+0.75L+0.75(0.7EQX)	Combination	Min	188.95	503.38	17671.19	0
Base	89	178	D+0.75L+0.75(0.7EQY)	Combination	Max	1095.32	1175.64	17912.98	0
Base	89	178	D+0.75L+0.75(0.7EQY)	Combination	Min	-483.13	-43.55	17470.88	0
Base	89	178	D+W	Combination		252.43	561.54	7151.27	0
Base	89	178	D+WY	Combination		274.1	560.93	7151.48	0
Base	89	178	D+0.7EQX	Combination	Max	1047.79	644.48	7192.34	0
Base	89	178	D+0.7EQX	Combination	Min	-499.6	477.37	7110.82	0
Base	89	178	D+0.7EQY	Combination	Max	695.56	1373.72	7446.35	0
Base	89	178	D+0.7EQY	Combination	Min	-147.36	-251.87	6856.61	0
Base	89	178	0.8D+WY	Combination		142.79	337.17	4290.87	0
Base	89	178	0.8D+WY	Combination		184.46	336.56	4290.89	0
Base	89	178	0.8D+0.7EQX	Combination	Max	935.15	420.11	4331.75	0
Base	89	178	0.8D+0.7EQX	Combination	Min	-409.23	253	4250.03	0
Base	89	178	0.8D+0.7EQY	Combination	Max	585.92	1149.35	4585.76	0
Base	89	178	0.8D+0.7EQY	Combination	Min	-237	-478.24	3996.02	0
Base	90	180	Dead	LinStatic		974.28	-15.09	29827.33	0
Base	90	180	Live	LinStatic		0	0	0	0
Base	90	180	SD	LinStatic		0	0	0	0
Base	90	180	WX	LinStatic		-16.11	5.25	-1.79	0
Base	90	180	WY	LinStatic		0	0	0	0
Base	90	180	EQX	LinRespSpec	Max	792.17	440.53	59.83	0
Base	90	180	EQY	LinRespSpec	Max	362.31	810.66	75.9	0
Base	90	180	1.4D+1.7L	Combination		2138.68	-265.5	87385.77	0
Base	90	180	0.8D+WY	Combination		294.65	-148.93	14217.77	0
Base	90	180	0.8D+WY	Combination		310.76	-154.19	14219.55	0
Base	90	180	0.75(1.4D+1.7L+1.7W)	Combination		1584.21	-192.43	95937.26	0
Base	90	180	0.75(1.4D+1.7L+1.7W)	Combination		1804.76	-199.12	95938.33	0
Base	90	180	0.75(1.4D+1.7L)+EQX	Combination	Max	2396.53	241.41	95996.16	0
Base	90	180	0.75(1.4D+1.7L)+EQX	Combination	Min	812.59	-530.85	90479.5	0
Base	90	180	0.75(1.4D+1.7L)+EQY	Combination	Max	1997.07	815.93	90615.23	0
Base	90	180	0.75(1.4D+1.7L)+EQY	Combination	Min	1242.44	-1014.18	90463.43	0
Base	90	180	0.9D+EQX	Combination	Max	1102.93	286.34	14279.38	0
Base	90	180	0.9D+EQX	Combination	Min	-481.41	-594.72	14159.72	0
Base	90	180	0.9D+EQY	Combination	Max	673.07	660.87	14295.45	0
Base	90	180	0.9D+EQY	Combination	Min	-51.55	-969.24	14143.65	0
Base	90	180	0.9D+EQY	Combination	Max	1319.57	-166.41	42428.84	0
Base	90	180	D+0.75L+0.75W	Combination		1063.91	-178.2	35768.86	0
Base	90	180	D+0.75L+0.75WY	Combination		1078	-182.84	35770	0
Base	90	180	D+0.75L+0.75(0.7EQX)	Combination	Max	1491.89	46.84	35801.41	0
Base	90	180	D+0.75L+0.75(0.7EQX)	Combination	Min	660.11	-131.91	35738.59	0
Base	90	180	D+0.75L+0.75(0.7EQY)	Combination	Max	1266.21	245.27	35809.85	0
Base	90	180	D+0.75L+0.75(0.7EQY)	Combination	Min	885.78	-610.54	35730.16	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	94	198	D=0.7EQX	Combination	Min	-712.99	-177.48	11019.96	0
Base	94	198	D=0.7EQY	Combination	Max	475.98	150.44	11236.14	0
Base	94	198	D=0.7EQY	Combination	Min	256.65	-1565.44	11196.74	0
Base	94	198	0.8D+WX	Combination	Max	177	-16.98	6719.93	0
Base	94	198	0.8D+WX	Combination	Min	219.79	-18.28	6729.86	0
Base	94	198	0.8D+0.7EQX	Combination	Max	1299.09	126.7	6926.35	0
Base	94	198	0.8D+0.7EQX	Combination	Min	-859.51	-165.27	6533.38	0
Base	94	198	0.8D+0.7EQY	Combination	Max	329.46	1516.88	6749.57	0
Base	94	198	0.8D+0.7EQY	Combination	Min	110.12	-1553.25	6710.18	0
Base	95	190	Dead	LinStatic		376.49	-413.52	10639.29	0
Base	95	190	Live	LinStatic		1037.95	-17.54	25407.83	0
Base	95	190	SDL	LinStatic		0	0	0	0
Base	95	190	WX	LinStatic		-44.65	0.72	-11.37	0
Base	95	190	WY	LinStatic		0	0	0	0
Base	95	190	EQX	LinRespSpec	Max	1596.44	113.58	316.82	0
Base	95	190	EQY	LinRespSpec	Max	30.49	1195.88	262.61	0
Base	95	190	1.4D+1.7L	Combination		2291.59	-450.75	58181.81	0
Base	95	190	0.9D+WX	Combination		294.18	-398.45	9563.99	0
Base	95	190	0.5D+WX	Combination		338.83	-399.16	9575.36	0
Base	95	190	0.75(1.4D+1.7L+1.7W)	Combination		1661.78	-487.15	43621.86	0
Base	95	190	0.75(1.4D+1.7L+1.7W)	Combination		1718.69	-488.06	43636.36	0
Base	95	190	0.75(1.4D+1.7L)+EQX	Combination	Max	3305.13	-374.48	43952.98	0
Base	95	190	0.75(1.4D+1.7L)+EQX	Combination	Min	132.24	-601.64	43319.74	0
Base	95	190	0.75(1.4D+1.7L)+EQY	Combination	Max	1799.18	-707.92	40396.96	0
Base	95	190	0.75(1.4D+1.7L)+EQY	Combination	Min	1636.2	-1693.74	40173.75	0
Base	95	190	0.9D+EQX	Combination	Max	1925.29	-289.59	8891.88	0
Base	95	190	0.9D+EQX	Combination	Min	-1247.61	-512.74	9258.74	0
Base	95	190	0.9D+EQY	Combination	Max	1414.43	-461.06	36102.12	0
Base	95	190	0.9D+EQY	Combination	Min	1121.45	-456.14	29727.88	0
Base	95	190	D=0.7SL+0.75WX	Combination		1154.94	-456.67	29736.41	0
Base	95	190	D=0.7SL+0.75(0.7EQX)	Combination	Max	1987.82	-397.05	29902.84	0
Base	95	190	D=0.7SL+0.75(0.7EQX)	Combination	Min	322.06	-516.3	29570.19	0
Base	95	190	D=0.7SL+0.75(0.7EQY)	Combination	Max	1197.2	171.06	29979.28	0
Base	95	190	D=0.7SL+0.75(0.7EQY)	Combination	Min	1112.88	-1084.4	28435.54	0
Base	95	190	D+WX	Combination		331.83	-44.8	10627.82	0
Base	95	190	D+WX	Combination		1496.99	-364.01	10690.93	0
Base	95	190	D+0.7EQX	Combination	Max	1734.03	-523.02	10417.66	0
Base	95	190	D+0.7EQX	Combination	Min	432.82	-393.46	10963.12	0
Base	95	190	D+0.7EQY	Combination	Max	310.14	-1260.49	10315.47	0
Base	95	190	D+0.7EQY	Combination	Min	181.23	-265.39	6372.2	0
Base	95	190	0.8D+WX	Combination		225.89	-268.11	6353.58	0
Base	95	190	0.6D+0.7EQX	Combination	Max	1336.4	-185.61	6605.21	0
Base	95	190	0.6D+0.7EQX	Combination	Min	-884.62	-345.91	6181.84	0
Base	95	190	0.6D+0.7EQY	Combination	Max	282.23	570.87	6707.4	0
Base	95	190	0.6D+0.7EQY	Combination	Min	189.54	-1103.08	6059.75	0
Base	97	194	Dead	LinStatic		391.45	-27.38	10103.26	0
Base	97	194	Live	LinStatic		1037.28	-3.47	25560.72	0
Base	97	194	SDL	LinStatic		0	0	0	0
Base	97	194	WX	LinStatic		-45.71	0.01	-12.09	0
Base	97	194	WY	LinStatic		0	0	0	0
Base	97	194	EQX	LinRespSpec	Max	1701.01	11.31	394.77	0
Base	97	194	EQY	LinRespSpec	Max	129.34	112.71	19.22	0
Base	97	194	1.4D+1.7L	Combination		2311.42	-44.2	57140.78	0
Base	97	194	0.9D+WX	Combination		306.6	-24.62	9080.84	0
Base	97	194	0.8D+WX	Combination		352.31	-24.62	9092.93	0
Base	97	194	0.75(1.4D+1.7L+1.7W)	Combination		1675.28	-33.14	43042.67	0
Base	97	194	0.75(1.4D+1.7L+1.7W)	Combination		1733.56	-33.15	43058.08	0

ETABS v20.0.0

Page 297 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	97	194	0.75(1.4D+1.7L)+EQX	Combination	Max	3434.58	-21.84	43452.85	0
Base	97	194	0.75(1.4D+1.7L)+EQX	Combination	Min	32.95	-24.46	42983.32	0
Base	97	194	0.75(1.4D+1.7L)+EQY	Combination	Min	1862.9	79.56	43077.3	0
Base	97	194	0.75(1.4D+1.7L)+EQY	Combination	Max	1604.22	-145.86	43038.87	0
Base	97	194	0.9D+EQX	Combination	Max	2053.32	-13.31	9487.7	0
Base	97	194	0.9D+EQX	Combination	Min	-1348.7	-35.93	9588.17	0
Base	97	194	0.5D+EQY	Combination	Max	481.85	88.09	9112.15	0
Base	97	194	0.5D+EQY	Combination	Min	222.97	-137.33	9073.72	0
Base	97	194	D+L	Combination		1428.74	-30.83	35553.97	0
Base	97	194	D=0.7SL+0.75WX	Combination		1135.13	-29.96	29182.23	0
Base	97	194	D=0.7SL+0.75(0.7EQX)	Combination	Max	1169.42	-29.96	29191.3	0
Base	97	194	D=0.7SL+0.75(0.7EQX)	Combination	Min	278.38	-35.9	28984.04	0
Base	97	194	D=0.7SL+0.75(0.7EQY)	Combination	Max	1237.32	29.21	29201.38	0
Base	97	194	D=0.7SL+0.75(0.7EQY)	Combination	Min	1101.51	-89.13	29181.21	0
Base	97	194	D+WX	Combination		348.74	-27.35	10091.17	0
Base	97	194	D+WX	Combination		391.45	-27.38	10103.26	0
Base	97	194	D+0.7EQX	Combination	Max	1582.16	-19.44	10379.59	0
Base	97	194	D+0.7EQX	Combination	Min	-799.25	-35.28	9839.92	0
Base	97	194	D+0.7EQY	Combination	Max	481.96	51.54	10118.71	0
Base	97	194	D+0.7EQY	Combination	Min	300.92	-106.25	10099.81	0
Base	97	194	0.8D+WX	Combination		189.16	-16.41	6048.87	0
Base	97	194	0.8D+WX	Combination		234.87	-16.41	6061.95	0
Base	97	194	0.6D+0.7EQX	Combination	Max	1425.58	-5.5	6338.29	0
Base	97	194	0.6D+0.7EQX	Combination	Min	-955.84	-24.33	5785.82	0
Base	97	194	0.6D+0.7EQY	Combination	Max	325.41	62.48	6075.41	0
Base	97	194	0.6D+0.7EQY	Combination	Min	144.34	-95.31	6048.5	0
Base	98	196	Dead	LinStatic		383.68	-43.67	10648.81	0
Base	98	196	Live	LinStatic		1013.6	-43.67	25438.95	0
Base	98	196	SDL	LinStatic		0	0	0	0
Base	98	196	WX	LinStatic		-37.9	1.01	-4	0
Base	98	196	WY	LinStatic		0	0	0	0
Base	98	196	EQX	LinRespSpec	Max	1398.14	152.82	138.96	0
Base	98	196	EQY	LinRespSpec	Max	238.66	1390.7	581.1	0
Base	98	196	1.4D+1.7L	Combination		2260.27	536.96	5851.98	0
Base	98	196	0.9D+WX	Combination		307.4	353.93	8577.94	0
Base	98	196	0.9D+WX	Combination		345.31	392.82	8583.93	0
Base	98	196	0.75(1.4D+1.7L+1.7W)	Combination		1645.88	-404.01	43059.59	0
Base	98	196	0.75(1.4D+1.7L+1.7W)	Combination		1695.2	-402.72	43013.24	0
Base	98	196	0.75(1.4D+1.7L)+EQX	Combination	Max	3093.34	555.54	43752.2	0
Base	98	196	0.75(1.4D+1.7L)+EQX	Combination	Min	297.06	249.9	43474.27	0
Base	98	196	0.75(1.4D+1.7L)+EQY	Combination	Max	1456.54	-496.58	43022.14	0
Base	98	196	0.75(1.4D+1.7L)+EQY	Combination	Min	1743.45	545.74	43222.89	0
Base	98	196	0.9D+EQX	Combination	Max	2053.32	-13.31	9487.7	0
Base	98	196	0.9D+EQX	Combination	Min	-1348.7	-35.93	9588.17	0
Base	98	196	0.5D+EQY	Combination	Max	481.85	88.09	9112.15	0
Base	98	196	0.5D+EQY	Combination	Min	222.97	-137.33	9073.72	0
Base	98	196	D+L	Combination		1387.28	392.9	35085.86	0
Base	98	196	D=0.7SL+0.75WX	Combination		1115.45	-404.58	29721.95	0
Base	98	196	D=0.7SL+0.75(0.7EQX)	Combination	Max	1143.88	-403.82	29726.45	0
Base	98	196	D=0.7SL+0.75(0.7EQX)	Combination	Min	1877.9	484.05	29799.41	0
Base	98	196	D=0.7SL+0.75(0.7EQY)	Combination	Max	1269.17	1138.68	30031.53	0
Base	98	196	D=0.7SL+0.75(0.7EQY)	Combination	Min	1018.56	-331.63	29621.37	0
Base	98	196	D+0.7SL+0.75(0.7EQY)	Combination	Min	345.77	437.59	10494.82	0
Base	98	196	D+WX	Combination		363.58	-43.67	10648.81	0
Base	98	196	D+WX	Combination		392.37	-43.67	10660.09	0
Base	98	196	D+0.7EQX	Combination	Max	1362.37	543.55	10746.09	0
Base	98	196	D+0.7EQX	Combination	Min	-595.02	323.8	10551.54	0
Base	98	196	D+0.7EQY	Combination	Max	550.74	1416.36	11055.58	0
Base	98	196	D+0.7EQY	Combination	Min	21.61	-543.22	10242.04	0

ETABS v20.0.0

Page 298 of 375

14/3/2567

วิศวกรผู้ออกแบบงานโครงสร้าง

นายสมภพ เสาจันทร์กรัย ว.1754

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	98	196	0.6D+WX	Combination		192.3	262.96	6383.29	0
Base	98	196	0.6D+WX	Combination		230.21	261.94	6389.29	0
Base	98	196	0.6D+0.7EQX	Combination	Max	1206.9	398.92	6486.58	0
Base	98	196	0.6D+0.7EQX	Combination	Min	-746.49	-154.97	6392.01	0
Base	98	196	0.6D+0.7EQY	Combination	Max	397.27	1241.73	6796.06	0
Base	98	196	0.6D+0.7EQY	Combination	Min	83.14	-1717.85	6982.52	0
Base	98	196	Dead	LinStatic		298.02	-428.15	10823.11	0
Base	98	196	Live	LinStatic		796.93	-40.78	12708.59	0
Base	98	196	SDL	LinStatic		0	0	0	0
Base	98	196	WY	LinStatic		-19.71	-2.87	-2.33	0
Base	98	196	EQX	LinRespSpec	Max	938.85	397.54	103.51	0
Base	98	196	EQY	LinRespSpec	Max	487.66	1757.31	561.48	0
Base	98	196	1.4D+1.7L	Combination		1772.01	-668.74	5676.86	0
Base	98	196	0.9D+WX	Combination		246.9	-398.21	9738.47	0
Base	98	196	0.9D+WX	Combination		298.21	-385.34	9740.8	0
Base	98	196	0.75(1.4D+1.7L+1.7WY)	Combination		1303.87	-505.21	27564.75	0
Base	98	196	0.75(1.4D+1.7L+1.7WY)	Combination		1329.01	-501.95	27667.72	0
Base	98	196	0.75(1.4D+1.7L+EQX)	Combination	Max	2295.66	-103.81	27617.23	0
Base	98	196	0.75(1.4D+1.7L+EQX)	Combination	Min	932.38	-899.49	27464.21	0
Base	98	196	0.75(1.4D+1.7L+EQY)	Combination	Max	1816.67	1255.75	28129.18	0
Base	98	196	0.75(1.4D+1.7L+EQY)	Combination	Min	841.35	-2258.86	27005.24	0
Base	98	196	0.9D+EQX	Combination	Max	1204.86	12.6	9844.31	0
Base	98	196	0.9D+EQX	Combination	Min	-969.44	-783.28	9837.29	0
Base	98	196	0.9D+EQY	Combination	Max	755.87	1371.97	10302.27	0
Base	98	196	0.9D+EQY	Combination	Min	-219.45	-2142.84	9179.32	0
Base	98	196	DWL	Combination		1094.55	-468.93	23531.7	0
Base	98	196	D+0.75L+0.75WX	Combination		880.83	-1460.59	20766.81	0
Base	98	196	D+0.75L+0.75WX	Combination		895.7	-1388.74	20354.55	0
Base	98	196	D+0.75L+0.75WY	Combination	Max	1307.46	-249.82	20408.89	0
Base	98	196	D+0.75L+0.75EQX	Combination	Min	403.97	-667.85	20040.21	0
Base	98	196	D+0.75L+0.75EQX	Combination	Max	1151.74	463.63	20669.33	0
Base	98	196	D+0.75L+0.75EQY	Combination	Min	639.69	-1381.32	20095.78	0
Base	98	196	D+0.75L+0.75EQY	Combination	Max	2763.1	-431.02	10820.78	0
Base	98	196	D+WX	Combination		298.02	-428.15	10823.11	0
Base	98	196	D+TEQX	Combination	Max	953.87	-1749.59	10895.56	0
Base	98	196	D+TEQX	Combination	Min	-357.84	-706.71	10750.65	0
Base	98	196	D+TEQY	Combination	Max	639.38	801.96	11218.14	0
Base	98	196	D+TEQY	Combination	Min	-43.35	-1658.27	10430.07	0
Base	98	196	0.6D+WX	Combination		1599.1	-2567.65	6641.56	0
Base	98	196	0.6D+WX	Combination		1799.1	-256.89	6453.6	0
Base	98	196	0.6D+WY	Combination					
Base	98	196	0.6D+0.7EQX	Combination	Max	634.46	21.67	6586.32	0
Base	98	196	0.6D+0.7EQX	Combination	Min	-478.85	-535.45	6241.41	0
Base	98	196	0.6D+0.7EQY	Combination	Max	520.17	973.22	6886.8	0
Base	98	196	0.6D+0.7EQY	Combination	Min	-182.55	-1487.01	6100.83	0
Base	100	200	Dead	LinStatic		2095.85	560.74	3007.75	0
Base	100	200	Live	LinStatic		-663.9	-7.73	651.02	0
Base	100	200	SDL	LinStatic		0	0	0	0
Base	100	200	WX	LinStatic		-11.99	1.58	5.17	0
Base	100	200	WY	LinStatic		0	0	0	0
Base	100	200	EQX	LinRespSpec	Max	812.31	134.86	239.09	0
Base	100	200	EQY	LinRespSpec	Max	391.69	960.5	490.17	0
Base	100	200	0.9D+WX	Combination		-10769.92	719.1	16573.57	0
Base	100	200	1.4D+1.7L	Combination		1862.25	508.23	3522.14	0
Base	100	200	0.9D+WX	Combination		-1805.27	504.67	3516.97	0
Base	100	200	0.75(1.4D+1.7L+1.7WXX)	Combination		1589.97	560.81	12456.77	0
Base	100	200	0.75(1.4D+1.7L+1.7WY)	Combination		-800.69	578.91	12430.18	0
Base	100	200	0.75(1.4D+1.7L+EQX)	Combination	Max	-7458.38	713.78	12680.27	0
Base	100	200	0.75(1.4D+1.7L+EQX)	Combination	Min	-6863	444.07	12200.1	0
Base	100	200	0.75(1.4D+1.7L+EQY)	Combination	Max	-7727.1	1573.42	12920.35	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	101	202	0.6D+0.7EQ	Combination	Min	-1918.35	-348.63	6063.12	0
Base	101	202	0.6D+0.7EQ	Combination	Max	-1460.34	1008.66	6847.22	0
Base	101	202	0.6D+0.7EQ	Combination	Min	-1788.3	-1374.94	6032.58	0
Base	102	204	Dead	LinStatic		-2722.43	-106.41	10484.77	0
Base	102	204	Live	LinStatic		-7360.88	-44.28	10222.49	0
Base	102	204	SDL	LinStatic		0	0	0	0
Base	102	204	WX	LinStatic		72.38	3.88	16.86	0
Base	102	204	WY	LinStatic		0	0	0	0
Base	102	204	EQX	LinRespSpec	Max	1040.18	231.96	396.7	0
Base	102	204	EQY	LinRespSpec	Max	-16358.9	-224.25	35116.8	0
Base	102	204	1.4D+1.7L	Combination		-3777.83	-91.99	9453.15	0
Base	102	204	0.9D+WX	Combination		-2450.19	-95.77	9436.29	0
Base	102	204	0.75(1.4D+1.7L)+1.7WQ	Combination		-12176.92	-163.24	26356.17	0
Base	102	204	0.75(1.4D+1.7L)+1.7WY	Combination		-12269.18	-168.19	26337.88	0
Base	102	204	0.75(1.4D+1.7L)+EQX	Combination	Max	-11229	83.77	26704.38	0
Base	102	204	0.75(1.4D+1.7L)+EQY	Combination	Min	-13309.35	-400.14	25970.97	0
Base	102	204	0.75(1.4D+1.7L)+EQY	Combination	Min	-12174.94	-1438.24	26374.37	0
Base	102	204	0.9D+EQX	Combination	Min	-12363.41	-1775.61	26300.99	0
Base	102	204	0.9D+EQX	Combination	Max	-1410.01	136.18	9802.99	0
Base	102	204	0.9D+EQX	Combination	Min	-3490.37	-327.73	9069.59	0
Base	102	204	0.9D+EQY	Combination	Max	-2355.95	1511.85	9472.98	0
Base	102	204	0.9D+EQY	Combination	Min	-2544.43	-1703.2	9396.6	0
Base	102	204	0.9D+EQY	Combination	Min	-5103.31	-1590.89	22507.25	0
Base	102	204	DHL	Combination		-4203.82	-136.71	19514.28	0
Base	102	204	D+0.7L+0.75WQ	Combination		-3258.09	-318.62	19501.63	0
Base	102	204	D+0.7L+0.75(0.7EQX)	Combination	Max	-7712	-17.84	19594.15	0
Base	102	204	D+0.7L+0.75(0.7EQX)	Combination	Min	-8904.19	-281.4	19309.11	0
Base	102	204	D+0.7L+0.75(0.7EQY)	Combination	Max	-8208.82	704.28	19520.9	0
Base	102	204	D+0.7L+0.75(0.7EQY)	Combination	Min	-4307.57	-983.52	19462.37	0
Base	102	204	D+WX	Combination		-2650.08	-102.53	19501.63	0
Base	102	204	D+WY	Combination		-2722.43	-106.41	10484.77	0
Base	102	204	D+0.7EQX	Combination	Max	-1994.31	55.96	10741.46	0
Base	102	204	D+0.7EQX	Combination	Min	-3450.58	-288.78	10228.07	0
Base	102	204	D+0.7EQY	Combination	Max	-2658.47	1018.79	10510.45	0
Base	102	204	D+0.7EQY	Combination	Min	-2786.4	-125.61	10459.08	0
Base	102	204	0.6D+WX	Combination		-1561.1	-59.87	6307.72	0
Base	102	204	0.6D+WX	Combination		-1633.46	-43.85	6290.86	0
Base	102	204	0.6D+0.7EQX	Combination	Max	-905.34	98.52	6547.55	0
Base	102	204	0.6D+0.7EQX	Combination	Min	-2361.59	-220.22	6034.17	0
Base	102	204	0.6D+0.7EQY	Combination	Max	-1567.49	1061.35	6316.54	0
Base	102	204	0.6D+0.7EQY	Combination	Min	-1698.43	-1180.05	6205.18	0
Base	103	208	Dead	LinStatic		-2629.29	-263.48	11333.72	0
Base	103	208	Live	LinStatic		-7260.87	-51.22	12014.29	0
Base	103	208	SDL	LinStatic		0	0	0	0
Base	103	208	WX	LinStatic		120.35	3.41	23.18	0
Base	103	208	WY	LinStatic		0	0	0	0
Base	103	208	EQX	LinRespSpec	Max	2781.79	272.05	431.06	0
Base	103	208	EQY	LinRespSpec	Max	311.19	1936.56	1022.28	0
Base	103	208	1.4D+1.7L	Combination		-16075.15	-261.79	36291.48	0
Base	103	208	0.9D+WX	Combination		-2246.02	-240.54	10223.52	0
Base	103	208	0.9D+WX	Combination		-2386.36	-237.13	10200.35	0
Base	103	208	0.75(1.4D+1.7L)+1.7WQ	Combination		-11902.92	-215.69	27248.17	0
Base	103	208	0.75(1.4D+1.7L)+1.7WY	Combination		-12056.38	-211.34	27218.62	0
Base	103	208	0.75(1.4D+1.7L)+EQX	Combination	Max	-8294.57	483.39	27649.68	0
Base	103	208	0.75(1.4D+1.7L)+EQX	Combination	Min	-14818.15	-60.71	26787.56	0
Base	103	208	0.75(1.4D+1.7L)+EQY	Combination	Max	-11745.17	2147.9	28240.9	0
Base	103	208	0.75(1.4D+1.7L)+EQY	Combination	Min	-12987.85	-1705.22	26196.34	0
Base	103	208	0.9D+EQX	Combination	Max	-365.43	529.16	10631.41	0
Base	103	208	0.9D+EQX	Combination	Min	-5128.15	-34.83	9798.28	0

Page 301 of 375

ETABS v20.0.0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	103	208	0.9D+EQY	Combination	Max	-2095.17	2173.69	11222.83	0
Base	103	208	0.9D+EQY	Combination	Min	-2677.96	-1699.43	9170.06	0
Base	103	208	DHL	Combination		-9919.96	212.25	23348.01	0
Base	103	208	D+0.7L+0.75WQ	Combination		-8007.03	-227.61	20361.82	0
Base	103	208	D+0.7L+0.75WQ	Combination		-8087.28	-225.06	20344.43	0
Base	103	208	D+0.7L+0.75(0.7EQX)	Combination	Max	-8847.35	387.89	20570.74	0
Base	103	208	D+0.7L+0.75(0.7EQX)	Combination	Min	-9547.23	82.23	20118.13	0
Base	103	208	D+0.7L+0.75(0.7EQY)	Combination	Max	-7833.92	1241.75	20881.13	0
Base	103	208	D+0.7L+0.75(0.7EQY)	Combination	Min	-8260.67	-791.64	19807.74	0
Base	103	208	D+WX	Combination		-2508.94	266.69	11556.9	0
Base	103	208	D+WY	Combination		-2628.29	-263.48	11333.72	0
Base	103	208	D+0.7EQX	Combination	Max	-4960.04	453.81	11635.46	0
Base	103	208	D+0.7EQX	Combination	Min	-4562.55	-73.04	11031.97	0
Base	103	208	D+0.7EQY	Combination	Max	-2411.46	1619.07	12049.32	0
Base	103	208	D+0.7EQY	Combination	Min	-2647.13	-1092.12	10618.12	0
Base	103	208	0.8D+WX	Combination		-1467.23	-161.49	6823.41	0
Base	103	208	0.8D+0.7EQX	Combination	Max	-355.66	348.52	7101.97	0
Base	103	208	0.8D+0.7EQX	Combination	Min	-3510.83	-32.35	6498.49	0
Base	103	208	0.8D+0.7EQY	Combination	Max	-1359.74	1513.68	7515.83	0
Base	103	208	0.8D+0.7EQY	Combination	Min	-1795.41	-1197.51	6084.63	0
Base	105	210	Dead	LinStatic		-2588.16	-770.55	12473.54	0
Base	105	210	Live	LinStatic		-7226.94	-57.39	12026.06	0
Base	105	210	SDL	LinStatic		0	0	0	0
Base	105	210	WX	LinStatic		134.82	2.39	23.42	0
Base	105	210	WY	LinStatic		0	0	0	0
Base	105	210	EQX	LinRespSpec	Max	3528.96	273.42	564.04	0
Base	105	210	EQY	LinRespSpec	Max	366.99	1882.83	903.66	0
Base	105	210	1.4D+1.7L	Combination		-15609.21	-1176.33	37908.27	0
Base	105	210	0.9D+WX	Combination		-2194.55	-291.1	11248.6	0
Base	105	210	0.9D+WX	Combination		-2329.34	-693.49	11248.16	0
Base	105	210	0.75(1.4D+1.7L)+1.7WQ	Combination		-11780.01	-279.2	28261.06	0
Base	105	210	0.75(1.4D+1.7L)+1.7WY	Combination		-11931.81	-882.25	28431.21	0
Base	105	210	0.75(1.4D+1.7L)+EQX	Combination	Max	-8404.85	-508.82	28995.24	0
Base	105	210	0.75(1.4D+1.7L)+EQX	Combination	Min	-15458.87	-1155.67	27867.17	0
Base	105	210	0.75(1.4D+1.7L)+EQY	Combination	Max	-11964.82	1000.88	29334.82	0
Base	105	210	0.75(1.4D+1.7L)+EQY	Combination	Min	-12298.9	-2786.18	27527.59	0
Base	105	210	0.8D+EQX	Combination	Max	-1197.62	-420.07	11790.22	0
Base	105	210	0.8D+EQX	Combination	Min	-6856.3	-966.92	10692.15	0
Base	105	210	0.8D+EQY	Combination	Max	-1982.58	-261.94	12078.71	0
Base	105	210	0.8D+EQY	Combination	Min	-2696.13	-2576.42	10322.58	0
Base	105	210	0.9D+EQY	Combination	Min	-2615.5	-227.94	24502.2	0
Base	105	210	D+0.7L+0.75WQ	Combination		-7907.25	-81.18	25101.09	0
Base	105	210	D+0.7L+0.75WQ	Combination		-8008.36	-81.53	21493.53	0
Base	105	210	D+0.7L+0.75(0.7EQX)	Combination	Max	-6156.71	-670.04	21789.65	0
Base	105	210	D+0.7L+0.75(0.7EQX)	Combination	Min	-9660.02	-967.14	21197.41	0
Base	105	210	D+0.7L+0.75(0.7EQY)	Combination	Max	-7815.69	174.95	21967.93	0
Base	105	210	D+0.7L+0.75(0.7EQY)	Combination	Min	-8201.03	-1802.13	21019.13	0
Base	105	210	D+WX	Combination		-2453.34	-768.16	12496.95	0
Base	105	210	D+WY	Combination		-2588.16	-770.55	12473.54	0
Base	105	210	D+0.7EQX	Combination	Max	-119.29	-579.15	12684.36	0
Base	105	210	D+0.7EQX	Combination	Min	-5957.63	-961.94	12078.71	0
Base	105	210	D+0.7EQY	Combination	Max	-2331.27	547.5	12106.07	0
Base	105	210	D+0.7EQY	Combination	Min	-2845.05	-208.6	11841	0
Base	105	210	0.8D+EQX	Combination		-1418.07	-459.94	7507.54	0
Base	105	210	0.8D+EQX	Combination		-1592.59	-482.33	7844.12	0
Base	105	210	0.8D+0.7EQX	Combination	Max	815.98	-270.93	7878.95	0
Base	105	210	0.8D+0.7EQX	Combination	Min	-4021.77	-853.72	7083.3	0
Base	105	210	0.8D+0.7EQY	Combination	Max	-1296	856.72	8116.65	0
Base	105	210	0.8D+0.7EQY	Combination	Min	-1809.79	-1780.38	6851.59	0

ETABS v20.0.0

Page 302 of 375

วิศวกรผู้ออกแบบงานโครงสร้าง

นายสมภพ เมาจินตรีชัย ข.1754

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	106	212	Dead	LinStatic		-2624.2	-298.79	11241.72	0
Base	106	212	Live	LinStatic		-7324.33	-58.06	12006.18	0
Base	106	212	SDL	LinStatic		0	0	0	0
Base	106	212	WX	LinStatic		154.27	0.52	27.7	0
Base	106	212	WY	LinStatic		0	0	0	0
Base	106	212	EQX	LinRespSpec	Max	3954.84	248.78	565.94	0
Base	106	212	EQY	LinRespSpec	Max	159.17	1704.07	31.72	0
Base	106	212	1.4D+1.7L	Combination		-16126.25	-513.6	36148.9	0
Base	106	212	0.9D+WW	Combination		-2267.18	-268.39	10146.25	0
Base	106	212	0.9D+WX	Combination		-2267.18	-268.39	10117.28	0
Base	106	212	0.9D+WY	Combination		-11807.25	-384.53	27147	0
Base	106	212	0.75(1.4D+1.7L+1.7WX)	Combination		-12693.94	-358.2	27111.65	0
Base	106	212	0.75(1.4D+1.7L+1.7WY)	Combination		-12693.94	-358.2	27167.82	0
Base	106	212	0.75(1.4D+1.7L+1.7EQX)	Combination	Min	-19048.78	-833.97	25654.74	0
Base	106	212	0.75(1.4D+1.7L+1.7EQY)	Combination	Max	-11934.77	1316.87	27143.4	0
Base	106	212	0.76(1.4D+1.7L+1.7EQY)	Combination	Min	-12593.11	-2069.27	27079.96	0
Base	106	212	0.9D+EQX	Combination	Max	1592.56	-20.13	10683.49	0
Base	106	212	0.9D+EQY	Combination	Min	-4518.82	-517.68	9551.6	0
Base	106	212	0.9D+EQW	Combination	Max	-2022.61	1435.16	10149.26	0
Base	106	212	0.9D+EQX	Combination	Min	-2520.95	-1972.98	10085.83	0
Base	106	212	D+DL	Combination		-9948.54	-354.84	12347.89	0
Base	106	212	D+0.75L+0.75WX	Combination		-5001.75	-340.44	10287.13	0
Base	106	212	D+0.75L+0.75WY	Combination		-8117.45	-340.83	10246.35	0
Base	106	212	D+0.75L+0.75(0.7EQX)	Combination	Max	-10041.16	-512.22	20543.77	0
Base	106	212	D+0.75L+0.75(0.7EQY)	Combination	Min	-10193.74	-471.44	19849.23	0
Base	106	212	D+0.75L+0.75(0.7EQY)	Combination	Max	-8205.69	-260.93	20263	0
Base	106	212	D+0.75L+0.75(0.7EQY)	Combination	Min	-8201.22	-1235.46	20229.7	0
Base	106	212	D+WW	Combination		-3489.34	-298.27	11269.42	0
Base	106	212	D+WW	Combination		-2624.2	-298.79	11241.72	0
Base	106	212	D+0.7EQX	Combination	Max	144.19	-124.64	11637.88	0
Base	106	212	D+0.7EQY	Combination	Min	-5302.59	-472.93	10645.56	0
Base	106	212	D+0.7EQX	Combination	Max	-2517.28	884.06	11263.92	0
Base	106	212	D+0.7EQY	Combination	Min	-2735.62	-1491.63	11219.52	0
Base	106	212	0.6D+WX	Combination		-1240.25	-178.75	6772.73	0
Base	106	212	0.6D+WY	Combination		-1574.52	-179.27	6745.03	0
Base	106	212	0.6D+0.7EQX	Combination	Max	1193.87	-15.19	7141.19	0
Base	106	212	0.6D+0.7EQY	Combination	Min	-3432.91	-353.42	8348.27	0
Base	106	212	0.6D+0.7EQY	Combination	Max	-1463.1	1013.58	6767.23	0
Base	106	212	0.6D+0.7EQY	Combination	Min	-1685.94	-1372.12	6722.83	0
Base	106	212	0.6D+0.7EQY	Combination	Max	-2545.16	-919.08	12257.87	0
Base	108	216	Dead	LinStatic		-7228	-488	12021.79	0
Base	108	216	Live	LinStatic		0	0	0	0
Base	108	216	WX	LinStatic		170.96	-1.59	27.31	0
Base	108	216	WY	LinStatic		0	0	0	0
Base	108	216	EQX	LinRespSpec	Max	5403.38	251.17	624.74	0
Base	108	216	EQY	LinRespSpec	Max	246.43	1848.77	795.92	0
Base	108	216	1.4D+1.7L	Combination		-15901.91	-1368.28	37377.64	0
Base	108	216	0.9D+WW	Combination		-2192.92	-528.74	11146.12	0
Base	108	216	0.9D+WX	Combination		-2323.48	-527.15	11121.81	0
Base	108	216	0.75(1.4D+1.7L+1.7WX)	Combination		-11708.45	-1026.24	26538.04	0
Base	108	216	0.75(1.4D+1.7L+1.7WY)	Combination		-11926.43	-1026.24	26538.23	0
Base	108	216	0.75(1.4D+1.7L+1.7EQX)	Combination	Max	-18293.38	-2776.04	28927.97	0
Base	108	216	0.75(1.4D+1.7L+1.7EQY)	Combination	Min	-17329.51	-1273.58	27678.48	0
Base	108	216	0.75(1.4D+1.7L+1.7EQY)	Combination	Max	-11690.1	-822.96	25093.14	0
Base	108	216	0.9D+EQX	Combination	Min	-2172.87	-2875.98	27507.31	0
Base	108	216	0.9D+EQY	Combination	Max	-3079.59	-1578.96	11746.56	0
Base	108	216	0.9D+EQW	Combination	Min	-2726.56	-1078.32	10487.07	0
Base	108	216	0.9D+EQX	Combination	Max	-2077.05	1022.62	11917.73	0
Base	108	216	0.9D+EQY	Combination	Min	-2589.92	-2676.92	13025.9	0
Base	108	216	D+DL	Combination		-8609.85	-987.06	24379.36	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	110	220	WX	LinStatic		-10.89	-0.46	14.81	0
Base	110	220	WY	LinStatic		0	0	0	0
Base	110	220	EQX	LinRespSpec	Max	526.09	125.54	397.73	0
Base	110	220	EQY	LinRespSpec	Max	329.22	993.73	811.13	0
Base	110	220	1.4D+1.7L	Combination		-7682.67	-549.11	21139.3	0
Base	110	220	0.9D+WX	Combination		-1303.83	-314.23	7024.93	0
Base	110	220	0.9D+WY	Combination		-1292.94	-313.77	7010.12	0
Base	110	220	0.75(1.4D+1.7L+1.7W)	Combination		-5775.89	-412.42	15873.35	0
Base	110	220	0.75(1.4D+1.7L+1.7W)	Combination		-5762	-411.83	15854.47	0
Base	110	220	0.75(1.4D+1.7L)+EQX	Combination	Max	-5235.91	-268.29	16255.21	0
Base	110	220	0.75(1.4D+1.7L)+EQY	Combination	Max	-4238.1	337.37	15454.7	0
Base	110	220	0.75(1.4D+1.7L)+EQY	Combination	Min	-5432.78	391.9	16995.61	0
Base	110	220	0.75(1.4D+1.7L)+EQY	Combination	Min	-4091.23	-1405.58	15043.34	0
Base	110	220	0.9D+EQX	Combination	Max	-7866.84	-188.23	7407.65	0
Base	110	220	0.9D+EQY	Combination	Max	-1819.03	-439.31	6612.39	0
Base	110	220	0.9D+EQY	Combination	Max	-943.72	679.96	7621.26	0
Base	110	220	0.9D+EQY	Combination	Min	-1622.16	-1307.5	6198.99	0
Base	110	220	D+L	Combination		-4772.74	-364.53	13809.41	0
Base	110	220	D+0.75L+0.75W	Combination		-3946.87	-375.9	12315.42	0
Base	110	220	D+0.75L+0.75W	Combination		-3938.7	-375.55	12304.32	0
Base	110	220	D+0.75L+0.75(0.7EQX)	Combination	Max	-3662.5	-306.65	12513.13	0
Base	110	220	D+0.75L+0.75(0.7EQX)	Combination	Min	-4214.9	-441.46	12095.51	0
Base	110	220	D+0.75L+0.75(0.7EQY)	Combination	Max	-3765.86	145.15	12730.16	0
Base	110	220	D+0.75L+0.75(0.7EQY)	Combination	Min	-4111.54	-497.26	11675.47	0
Base	110	220	D+WX	Combination		-1447.49	-349.09	7803.83	0
Base	110	220	D+WY	Combination		-1436.5	-346.63	7749.02	0
Base	110	220	D+0.7EQX	Combination	Max	-1058.33	-250.76	8067.44	0
Base	110	220	D+0.7EQX	Combination	Min	-1804.06	-436.51	7510.61	0
Base	110	220	D+0.7EQY	Combination	Max	-1208.14	-346.98	8356.62	0
Base	110	220	D+0.7EQY	Combination	Min	-1667.05	-1044.24	7221.23	0
Base	110	220	0.6D+WX	Combination		-872.85	-209.64	4688.22	0
Base	110	220	0.6D+WY	Combination		-681.96	-209.18	4673.41	0
Base	110	220	0.6D+0.7EQX	Combination	Max	-493.69	-121.31	4951.83	0
Base	110	220	0.6D+0.7EQX	Combination	Min	-1230.22	-287.06	4395	0
Base	110	220	0.6D+0.7EQY	Combination	Max	-631.5	-466.43	5241.21	0
Base	110	220	0.6D+0.7EQY	Combination	Min	-1092.41	-804.79	4105.82	0
Base	1	37	Dead	LinStatic		3132.84	1849.76	8257.41	0
Base	1	37	Live	LinStatic		8238.56	45.65	11625.02	0
Base	1	37	SD	LinStatic		0	0	0	0
Base	1	37	WY	LinStatic		0	0	0	0
Base	1	37	EQX	LinRespSpec	Max	486.71	533.32	342.36	0
Base	1	37	EQY	LinRespSpec	Max	25.05	3023.39	965.14	0
Base	1	37	1.4D+1.7L	Combination		18391.53	2667.27	31532.9	0
Base	1	37	0.9D+WX	Combination		2788.82	1755.18	7524.91	0
Base	1	37	0.9D+WY	Combination		2619.58	1664.78	7431.67	0
Base	1	37	0.75(1.4D+1.7L+1.7W)	Combination		13754.46	2115.71	23993.56	0
Base	1	37	0.75(1.4D+1.7L+1.7W)	Combination		13753.85	2115.71	23993.56	0
Base	1	37	0.75(1.4D+1.7L)+EQX	Combination	Max	14292.36	2532.77	24257.04	0
Base	1	37	0.75(1.4D+1.7L)+EQY	Combination	Max	13618.7	5023.84	24589.82	0
Base	1	37	0.75(1.4D+1.7L)+EQY	Combination	Min	13766.59	-1022.93	22899.53	0
Base	1	37	0.9D+EQX	Combination	Max	3318.27	2197.1	7814.03	0
Base	1	37	0.9D+EQY	Combination	Min	2320.65	1132.47	7049.3	0
Base	1	37	0.6D+EQX	Combination	Max	2844.61	4688.17	8416.81	0
Base	1	37	0.6D+EQY	Combination	Min	2784.51	-1358.6	6446.53	0
Base	1	37	D+L	Combination		11371.4	1895.41	20182.42	0
Base	1	37	D+0.75L+0.75W	Combination		9268.71	1951.79	17271.1	0
Base	1	37	D+0.75L+0.75W	Combination		9311.76	1884	17201.17	0
Base	1	37	D+0.75L+0.75(0.7EQX)	Combination	Max	9573.58	2163.46	17401.91	0

Page 305 of 375

ETABS v20.0.0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	1	37	D+0.75L+0.75(0.7EQX)	Combination	Min	9049.94	1604.53	17000.43	0
Base	1	37	D+0.75L+0.75(0.7EQY)	Combination	Max	9324.91	3471.28	17718.37	0
Base	1	37	D+0.75L+0.75(0.7EQY)	Combination	Min	9298.61	296.72	16883.97	0
Base	1	37	D+WY	Combination		3102.11	1940.15	6350.65	0
Base	1	37	D+WX	Combination		3182.84	1849.76	6257.41	0
Base	1	37	D+0.7EQX	Combination	Max	3481.94	2222.38	6525.06	0
Base	1	37	D+0.7EQY	Combination	Min	2783.75	-147.14	7869.75	0
Base	1	37	D+0.7EQY	Combination	Max	3150.38	3668.13	8647.01	0
Base	1	37	D+0.7EQY	Combination	Min	3115.31	-266.61	7567.81	0
Base	1	37	0.6D+WX	Combination		1848.97	1200.25	5047.69	0
Base	1	37	0.6D+WY	Combination		1879.71	1100.86	4954.44	0
Base	1	37	0.6D+0.7EQX	Combination	Max	2228.8	1492.48	5222.1	0
Base	1	37	0.6D+0.7EQX	Combination	Min	1530.61	737.23	4668.79	0
Base	1	37	0.6D+0.7EQY	Combination	Max	1897.24	332.23	5646.04	0
Base	1	37	0.6D+0.7EQY	Combination	Min	1862.17	-1005.51	4284.85	0
Base	5	38	Dead	LinStatic		-1548.65	54.33	10133.99	0
Base	5	38	Live	LinStatic		-1158.23	1.54	25513.75	0
Base	5	38	SD	LinStatic		0	0	0	0
Base	5	38	WY	LinStatic		-18.66	2.65	-0.77	0
Base	5	38	EQX	LinRespSpec	Max	1329.81	21.48	98.98	0
Base	5	38	EQY	LinRespSpec	Max	86.26	154.53	3.78	0
Base	5	38	1.4D+1.7L	Combination		-2580.15	76.67	57960.41	0
Base	5	38	0.9D+WX	Combination		-412.54	51.55	9119.48	0
Base	5	38	0.9D+WY	Combination		-392.89	48.9	9120.23	0
Base	5	38	0.75(1.4D+1.7L+1.7W)	Combination		-1960.17	62.39	49139.32	0
Base	5	38	0.75(1.4D+1.7L+1.7W)	Combination		-1935.11	59	49130.31	0
Base	5	38	0.75(1.4D+1.7L)+EQX	Combination	Max	-905.3	82.48	42599.29	0
Base	5	38	0.75(1.4D+1.7L)+EQX	Combination	Min	-324.92	37.52	43071.33	0
Base	5	38	0.75(1.4D+1.7L)+EQY	Combination	Max	-1548.65	213.54	43174.1	0
Base	5	38	0.75(1.4D+1.7L)+EQY	Combination	Min	-2021.37	-95.53	43168.51	0
Base	5	38	0.75(1.4D+1.7L)+EQY	Combination	Min	-936.92	70.37	42192.21	0
Base	5	38	0.9D+EQX	Combination	Min	-1722.7	27.42	9021.25	0
Base	5	38	0.9D+EQY	Combination	Max	-306.63	203.43	8124.02	0
Base	5	38	0.9D+EQY	Combination	Min	-479.15	-105.64	9116.44	0
Base	5	38	D+L	Combination		-1554.77	55.86	35547.34	0
Base	5	38	D+0.75L+0.75W	Combination		-1319.96	57.47	29268.32	0
Base	5	38	D+0.75L+0.75W	Combination		-1305.21	55.48	29268.91	0
Base	5	38	D+0.75L+0.75(0.7EQX)	Combination	Max	-607.06	66.76	29320.87	0
Base	5	38	D+0.75L+0.75(0.7EQY)	Combination	Min	-2053.36	-44.2	29218.94	0
Base	5	38	D+0.75L+0.75(0.7EQY)	Combination	Max	-1259.93	136.61	29270.9	0
Base	5	38	D+0.75L+0.75(0.7EQY)	Combination	Min	-1350.5	-25.95	29266.91	0
Base	5	38	D+0.75L+0.75(0.7EQY)	Combination		-456.2	94.98	10132.82	0
Base	5	38	D+WY	Combination		-436.54	54.33	10133.59	0
Base	5	38	D+0.7EQX	Combination	Max	494.33	69.38	10202.88	0
Base	5	38	D+0.7EQY	Combination	Min	-1397.41	39.29	10064.3	0
Base	5	38	D+0.7EQY	Combination	Max	-376.16	162	10136.24	0
Base	5	38	0.6D+WX	Combination	Min	-496.92	-53.95	10130.94	0
Base	5	38	0.6D+WY	Combination		-281.58	25.55	6079.38	0
Base	5	38	0.6D+0.7EQX	Combination		-281.93	32.8	6080.15	0
Base	5	38	0.6D+0.7EQY	Combination	Max	668.94	47.63	6149.44	0
Base	5	38	0.6D+0.7EQY	Combination	Min	-1192.79	17.58	6050.87	0
Base	5	38	0.6D+0.7EQY	Combination	Max	-201.54	140.77	6082.81	0
Base	5	38	0.6D+0.7EQY	Combination	Min	-322.31	55.58	6077.5	0
Base	5	38	0.6D+0.7EQY	Combination	Min	-120.81	9.8	11155.64	0
Base	8	45	Dead	LinStatic		-3327.1	9.02	25054.55	0
Base	8	45	Live	LinStatic		0	0	0	0
Base	8	45	SD	LinStatic		-21.98	-0.94	-0.51	0
Base	8	45	WY	LinStatic		0	0	0	0
Base	8	45	EQX	LinRespSpec	Max	1185.74	272.7	1.9	0

Page 306 of 375

ETABS v20.0.0

วิศวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เจริญศรีชัย ว.1754

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	8	45	EQY	LinRespSpec	Max	82.86	2443.46	1.89	0
Base	8	45	1.4D+1.7L	Combination		-754.74	28.77	58210.64	0
Base	8	45	0.9D+WX	Combination		-130.71	7.7	10039.56	0
Base	8	45	0.9D+WY	Combination		-106.73	8.64	10040.08	0
Base	8	45	0.75(1.4D+1.7L+1.7W)	Combination		-579.08	20.38	43957.32	0
Base	8	45	0.75(1.4D+1.7L)+EQX	Combination	Max	-451.08	21.58	43957.98	0
Base	8	45	0.75(1.4D+1.7L)+EQY	Combination	Min	634.66	234.28	43659.88	0
Base	8	45	0.75(1.4D+1.7L)+EQX	Combination	Max	-1736.79	-251.13	43659.07	0
Base	8	45	0.75(1.4D+1.7L)+EQY	Combination	Min	-468.2	2465.04	43659.88	0
Base	8	45	0.75(1.4D+1.7L)+EQY	Combination	Min	-633.92	-2421.86	43659.09	0
Base	8	45	0.9D+EQX	Combination	Max	1077.01	281.35	10041.98	0
Base	8	45	0.9D+EQY	Combination	Min	-1294.47	-264.06	10039.17	0
Base	8	45	0.9D+EQX	Combination	Max	-25.87	245.1	10041.98	0
Base	8	45	0.9D+EQY	Combination	Min	-119.45	-2543.92	10039.19	0
Base	8	45	0.9D+EQY	Combination	Min	-453.52	18.52	3021.19	0
Base	8	45	D+L	Combination		366.33	15.96	1994.17	0
Base	8	45	D+0.75L+0.75W	Combination		-70.34	36.6	2994.56	0
Base	8	45	D+0.75L+0.75W	Combination	Max	252.17	159.53	2994.56	0
Base	8	45	D+0.75L+0.75D+EQX	Combination	Min	-99.86	-26.81	2994.56	0
Base	8	45	D+0.75L+0.75D+EQY	Combination	Max	326.84	236.18	2994.55	0
Base	8	45	D+0.75L+0.75D+EQY	Combination	Min	-413.84	-126.45	2994.57	0
Base	8	45	D+WX	Combination		-142.79	8.68	11195.13	0
Base	8	45	D+WY	Combination		-120.81	9.6	11195.64	0
Base	8	45	D+0.7EQX	Combination	Max	709.21	200.5	11195.97	0
Base	8	45	D+0.7EQX	Combination	Min	-950.83	-181.29	11154.31	0
Base	8	45	D+0.7EQY	Combination	Max	-62.81	1720.02	11195.98	0
Base	8	45	D+0.7EQY	Combination	Min	-176.81	-1700.82	11154.32	0
Base	8	45	0.8D+WX	Combination		-84.46	4.82	6993.36	0
Base	8	45	0.8D+WY	Combination		-72.49	5.76	6993.36	0
Base	8	45	0.8D+0.7EQX	Combination	Max	757.53	188.65	6994.72	0
Base	8	45	0.8D+0.7EQX	Combination	Min	-90.52	-185.13	6992.05	0
Base	8	45	0.8D+0.7EQY	Combination	Max	114.48	1716.18	6994.71	0
Base	8	45	0.8D+0.7EQY	Combination	Min	-130.49	-1704.66	6992.06	0
Base	12	46	Dead	LinStatic		434.67	0.27	9532.67	0
Base	12	46	Live	LinStatic		-1663.68	0.35	23849.31	0
Base	12	46	Wind	LinStatic		-24.89	0.04	-0.96	0
Base	12	46	WX	LinStatic		0	0	0	0
Base	12	46	EQX	LinRespSpec	Max	1202.12	12.7	13.01	0
Base	12	46	EQY	LinRespSpec	Max	84.25	147.56	6.81	0
Base	12	46	1.4D+1.7L	Combination		-1717.07	-0.22	54059.57	0
Base	12	46	0.9D+WX	Combination		-596.27	0.2	8578.44	0
Base	12	46	0.9D+WY	Combination		-571.38	0.24	8578.94	0
Base	12	46	0.75(1.4D+1.7L+1.7W)	Combination		-2819.53	-0.22	40543.45	0
Base	12	46	0.75(1.4D+1.7L)+EQX	Combination	Max	-2787.8	-0.17	40544.88	0
Base	12	46	0.75(1.4D+1.7L)+EQY	Combination	Min	-1585.68	12.53	40557.65	0
Base	12	46	0.75(1.4D+1.7L)+EQX	Combination	Max	-3889.92	-12.86	40551.67	0
Base	12	46	0.75(1.4D+1.7L)+EQY	Combination	Min	-2703.75	147.77	40545.59	0
Base	12	46	0.75(1.4D+1.7L)+EQY	Combination	Min	-2871.85	-148.1	40543.76	0
Base	12	46	0.9D+EQX	Combination	Max	630.74	12.84	8592.41	0
Base	12	46	0.9D+EQX	Combination	Min	-1773.51	-12.45	8596.4	0
Base	12	46	0.9D+EQY	Combination	Max	-2487.87	145.18	8560.31	0
Base	12	46	0.9D+EQY	Combination	Min	-455.43	-147.69	8578.49	0
Base	12	46	D+L	Combination		2286.95	-0.08	33481.98	0
Base	12	46	D+0.75L+0.75W	Combination		-1901.29	0.03	27493.93	0
Base	12	46	D+0.75L+0.75W	Combination	Max	1882.83	0.0046	27494.65	0
Base	12	46	D+0.75L+0.75D+EQX	Combination	Max	-1251.54	-6.67	27501.48	0
Base	12	46	D+0.75L+0.75D+EQY	Combination	Min	-2513.74	-6.66	27487.82	0
Base	12	46	D+0.75L+0.75D+EQY	Combination	Max	-1838.5	77.67	27495.13	0
Base	12	46	D+0.75L+0.75D+EQY	Combination	Min	-1928.75	-77.86	27494.17	0

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	19	54	0.6D+WX	Combination		-4449.13	-6.5	13848.33	0
Base	19	54	0.75(1.4D+1.7L+1.7WX)	Combination		-31301.83	-48.45	82125.66	0
Base	19	54	0.75(1.4D+1.7L+1.7WX)	Combination		-31272.65	-48.61	82130.31	0
Base	19	54	0.75(1.4D+1.7L)+EQX	Combination	Max	-30347	-9.7	82287.43	0
Base	19	54	0.75(1.4D+1.7L)+EQX	Combination	Min	-32198.29	-87.53	61963.18	0
Base	19	54	0.75(1.4D+1.7L)+EQY	Combination	Max	-31214.36	2476.85	62145.6	0
Base	19	54	0.75(1.4D+1.7L)+EQY	Combination	Min	-31330.93	-2574.07	62155.01	0
Base	19	54	0.9D+EQX	Combination	Max	-5523.48	32.42	14015.46	0
Base	19	54	0.9D+EQX	Combination	Min	-7374.77	-45.41	13681.21	0
Base	19	54	0.9D+EQY	Combination	Max	-6390.84	2518.97	13663.93	0
Base	19	54	0.9D+EQY	Combination	Min	-6507.41	-2531.96	13633.03	0
Base	19	54	D+L	Combination		-25792.1	-39.4	51445.01	0
Base	19	54	D+0.75L+0.75WX	Combination		-21152.55	-31.26	42427.73	0
Base	19	54	D+0.75L+0.75(0.7EQX)	Combination	Max	-21155.5	-31.35	42430.53	0
Base	19	54	D+0.75L+0.75(0.7EQX)	Combination	Min	-21621.48	-51.78	4234.78	0
Base	19	54	D+0.75L+0.75(0.7EQY)	Combination	Max	-21104.9	1294.51	4243.55	0
Base	19	54	D+0.75L+0.75(0.7EQY)	Combination	Min	-21168.1	-1357.22	4242.49	0
Base	19	54	D+WX	Combination		-7188.43	-7.09	15383.31	0
Base	19	54	D+WX	Combination		-7185.69	-7.22	15387.04	0
Base	19	54	D+0.7EQX	Combination	Max	-6517.74	20.02	15504.02	0
Base	19	54	D+0.7EQX	Combination	Min	-7813.65	-34.46	15270.05	0
Base	19	54	D+0.7EQY	Combination	Max	-7124.89	1760.61	15397.74	0
Base	19	54	D+0.7EQY	Combination	Min	-7208.5	-1775.04	15376.33	0
Base	19	54	0.6D+WX	Combination		-4322.15	-4.2	9228.5	0
Base	19	54	0.6D+WX	Combination		-4296.42	-4.33	9232.22	0
Base	19	54	0.6D+0.7EQX	Combination	Max	-3651.46	22.81	934.21	0
Base	19	54	0.6D+0.7EQX	Combination	Min	-4647.37	-51.57	8115.23	0
Base	19	54	0.6D+0.7EQY	Combination	Max	-4258.62	1763.49	9242.93	0
Base	19	54	0.6D+0.7EQY	Combination	Min	-4340.22	-1772.18	9231.51	0
Base	23	59	Dead	LinStatic		623.32	-0.58	9532.65	0
Base	23	59	SDL	LinStatic		1628.5	-2.33	2384.46	0
Base	23	59	WY	LinStatic		0	0	0	0
Base	23	59	EQX	LinRespSpec	Max	1203.23	5.22	12.91	0
Base	23	59	EQY	LinRespSpec	Max	59.89	136.38	3.94	0
Base	23	59	1.4D+1.7L	Combination		3640.95	-0.78	54659.6	0
Base	23	59	0.9D+WX	Combination		531.25	-0.49	8578.54	0
Base	23	59	0.9D+WX	Combination		560.89	-0.53	8579.39	0
Base	23	59	0.75(1.4D+1.7L+1.7WX)	Combination		2692.91	-3.54	40545.04	0
Base	23	59	0.75(1.4D+1.7L+1.7WX)	Combination		2730.71	-3.59	40544.85	0
Base	23	59	0.75(1.4D+1.7L)+EQX	Combination	Max	3933.95	1.64	40557.76	0
Base	23	59	0.75(1.4D+1.7L)+EQX	Combination	Min	1527.48	-5.81	40531.94	0
Base	23	59	0.75(1.4D+1.7L)+EQY	Combination	Max	2790.6	132.8	40546.79	0
Base	23	59	0.75(1.4D+1.7L)+EQY	Combination	Min	2670.83	-139.97	40540.91	0
Base	23	59	0.9D+EQX	Combination	Max	1764.13	4.7	8592.3	0
Base	23	59	0.9D+EQX	Combination	Min	-642.34	-5.75	8596.48	0
Base	23	59	0.9D+EQY	Combination	Max	620.78	135.86	8593.33	0
Base	23	59	0.9D+EQY	Combination	Min	501.01	-136.91	8575.44	0
Base	23	59	D+L	Combination		2251.71	-2.92	33482.12	0
Base	23	59	D+0.75L+0.75WX	Combination		1622.35	-2.31	27494.86	0
Base	23	59	D+0.75L+0.75(0.7EQX)	Combination	Max	1844.59	-2.33	27494.75	0
Base	23	59	D+0.75L+0.75(0.7EQX)	Combination	Min	2478.23	-0.41	27501.53	0
Base	23	59	D+0.75L+0.75(0.7EQY)	Combination	Max	1212.89	-5.08	27487.97	0
Base	23	59	D+0.75L+0.75(0.7EQY)	Combination	Min	1876.03	89.27	27496.82	0
Base	23	59	D+0.75L+0.75(0.7EQY)	Combination	Min	1813.15	-73.93	27492.68	0
Base	23	59	D+WX	Combination		593.57	-0.55	9532.8	0
Base	23	59	D+WX	Combination		623.22	-0.58	9532.65	0
Base	23	59	D+0.7EQX	Combination	Max	1465.45	-3.07	9541.69	0

ETABS v20.0.0

Page 309 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	23	59	D+0.7EQX	Combination	Min	-219.05	-4.24	9523.61	0
Base	23	59	D+0.7EQY	Combination	Max	685.14	94.89	9525.41	0
Base	23	59	D+0.7EQY	Combination	Min	581.3	-96.05	9529.89	0
Base	23	59	0.6D+WX	Combination		344.28	-0.31	5719.74	0
Base	23	59	0.6D+WX	Combination		373.93	-0.35	5719.59	0
Base	23	59	0.6D+0.7EQX	Combination	Max	1216.19	3.31	5728.63	0
Base	23	59	0.6D+0.7EQX	Combination	Min	488.33	-4.01	5710.55	0
Base	23	59	0.6D+0.7EQY	Combination	Max	415.85	95.12	5722.35	0
Base	23	59	0.6D+0.7EQY	Combination	Min	332.01	-95.82	5716.83	0
Base	27	60	Dead	LinStatic		108.79	-8.69	11155.57	0
Base	27	60	Live	LinStatic		297.28	-37.3	25054.87	0
Base	27	60	SDL	LinStatic		0	0	0	0
Base	27	60	WY	LinStatic		-29.89	0.9	-0.03	0
Base	27	60	EQX	LinRespSpec	Max	1187.25	140.39	2.02	0
Base	27	60	EQY	LinRespSpec	Max	46.8	2177.84	4.55	0
Base	27	60	1.4D+1.7L	Combination		657.68	-75.57	58211.07	0
Base	27	60	0.9D+WX	Combination		68.02	-8.92	10039.99	0
Base	27	60	0.9D+WX	Combination		87.91	-7.82	10040.01	0
Base	27	60	0.75(1.4D+1.7L+1.7WX)	Combination		455.15	-56.68	43658.27	0
Base	27	60	0.75(1.4D+1.7L+1.7WX)	Combination		455.15	-56.68	43658.27	0
Base	27	60	0.75(1.4D+1.7L)+EQX	Combination	Max	1680.51	93.72	43660.33	0
Base	27	60	0.75(1.4D+1.7L)+EQX	Combination	Min	693.99	-197.07	43656.28	0
Base	27	60	0.75(1.4D+1.7L)+EQY	Combination	Max	540.06	2121.16	43662.88	0
Base	27	60	0.75(1.4D+1.7L)+EQY	Combination	Min	445.46	-2234.51	43653.72	0
Base	27	60	0.9D+EQX	Combination	Max	1285.16	132.57	10042.04	0
Base	27	60	0.9D+EQX	Combination	Min	-1089.35	-187.07	10037.96	0
Base	27	60	0.9D+EQY	Combination	Max	144.71	2170.02	10044.6	0
Base	27	60	0.9D+EQY	Combination	Min	51.11	-2185.86	10035.43	0
Base	27	60	D+L	Combination		406.07	-45.95	36210.44	0
Base	27	60	D+0.75L+0.75WX	Combination		309.33	-35.99	29946.7	0
Base	27	60	D+0.75L+0.75(0.7EQX)	Combination	Max	531.79	-36.68	29946.72	0
Base	27	60	D+0.75L+0.75(0.7EQX)	Combination	Min	291.56	-110.37	29945.68	0
Base	27	60	D+0.75L+0.75(0.7EQY)	Combination	Max	558.32	1106.7	29949.13	0
Base	27	60	D+0.75L+0.75(0.7EQY)	Combination	Min	307.18	-1180.02	29943.31	0
Base	27	60	D+WX	Combination		78.9	-7.78	11155.54	0
Base	27	60	D+WX	Combination		106.78	-8.69	11155.57	0
Base	27	60	D+0.7EQX	Combination	Max	939.87	89.59	11156.99	0
Base	27	60	D+0.7EQX	Combination	Min	-722.29	-106.96	11154.15	0
Base	27	60	D+0.7EQY	Combination	Max	141.55	1515.8	11158.78	0
Base	27	60	D+0.7EQY	Combination	Min	76.03	-1333.17	11152.36	0
Base	27	60	0.6D+WX	Combination		35.38	-4.31	6693.32	0
Base	27	60	0.6D+WX	Combination		69.27	-5.21	6693.34	0
Base	27	60	0.6D+0.7EQX	Combination	Max	696.35	93.06	6994.76	0
Base	27	60	0.6D+0.7EQX	Combination	Min	-765.81	-103.49	6991.83	0
Base	27	60	0.6D+0.7EQY	Combination	Max	98.03	1519.27	6996.55	0
Base	27	60	0.6D+0.7EQY	Combination	Min	32.51	-1529.7	6990.13	0
Base	30	67	Dead	LinStatic		424.05	52.94	10133.33	0
Base	30	67	Live	LinStatic		1120.91	-2.18	25512.78	0
Base	30	67	SDL	LinStatic		0	0	0	0
Base	30	67	WY	LinStatic		-34.62	0.16	-0.1	0
Base	30	67	EQX	LinRespSpec	Max	1331.38	12.25	96.99	0
Base	30	67	EQY	LinRespSpec	Max	44.35	130.13	2.79	0
Base	30	67	1.4D+1.7L	Combination		2499.21	70.42	57558.36	0
Base	30	67	0.9D+WX	Combination		347.03	47.83	9116.99	0
Base	30	67	0.9D+WX	Combination		381.85	47.85	9120	0
Base	30	67	0.75(1.4D+1.7L+1.7WX)	Combination		1830.27	53.04	43164.94	0
Base	30	67	0.75(1.4D+1.7L+1.7WX)	Combination		1874.41	52.81	43168.77	0

ETABS v20.0.0

Page 310 of 375

Story	Label	Unique Name	Output Case	Case Type	Step Type	FX kgf	FY kgf	FZ kgf	MX kgf-m
Base	30	67	0.75(1.4D+1.7L)+EQX	Combination	Max	3205.79	65.07	43267.76	0
Base	30	67	0.75(1.4D+1.7L)+EQX	Combination	Min	543.03	40.58	43069.78	0
Base	30	67	0.75(1.4D+1.7L)+EQY	Combination	Max	1918.76	162.94	43171.55	0
Base	30	67	0.75(1.4D+1.7L)+EQY	Combination	Min	1830.06	-177.32	43165.98	0
Base	30	67	0.9D+EQX	Combination	Max	1713.03	59.9	9218.98	0
Base	30	67	0.9D+EQX	Combination	Min	-648.73	-39.39	9021.01	0
Base	30	67	0.9D+EQY	Combination	Max	428	177.78	9122.78	0
Base	30	67	0.9D+EQY	Combination	Min	337.3	-82.48	9117.21	0
Base	30	67	D+L	Combination		1544.96	50.76	35646.09	0
Base	30	67	D+0.75L+0.75WX	Combination		1238.77	51.44	29265.85	0
Base	30	67	D+0.75L+0.75WX	Combination		1264.73	51.31	29267.9	0
Base	30	67	D+0.75L+0.75(0.7EQX)	Combination	Max	1983.71	57.74	29319.87	0
Base	30	67	D+0.75L+0.75(0.7EQX)	Combination	Min	565.76	44.87	29215.93	0
Base	30	67	D+0.75L+0.75(0.7EQY)	Combination	Max	1288.02	-119.93	29269.36	0
Base	30	67	D+0.75L+0.75(0.7EQY)	Combination	Min	1241.45	-17.01	29266.44	0
Base	30	67	D+WX	Combination		388.43	53.12	10133.32	0
Base	30	67	D+WX	Combination		420.45	52.94	10130.33	0
Base	30	67	D+0.7EQX	Combination	Max	1356.02	81.52	10202.82	0
Base	30	67	D+0.7EQX	Combination	Min	-507.91	-46.36	10064.04	0
Base	30	67	D+0.7EQY	Combination	Max	455.1	144.03	10135.28	0
Base	30	67	D+0.7EQY	Combination	Min	393.01	-38.15	10131.38	0
Base	30	67	0.6D+WX	Combination	Max	210.81	51.94	8076.66	0
Base	30	67	0.6D+WX	Combination	Min	254.43	31.78	6090	0
Base	30	67	0.6D+0.7EQX	Combination	Max	1166.4	40.54	8148.29	0
Base	30	67	0.6D+0.7EQX	Combination	Min	-677.53	23.19	8010.71	0
Base	30	67	0.6D+0.7EQY	Combination	Max	285.49	122.95	8081.95	0
Base	30	67	0.6D+0.7EQY	Combination	Min	223.39	-59.33	8078.05	0
Base	34	68	Dead	LinState	Max	-3139.83	1817.82	82955.51	0
Base	34	68	Live	LinState	Max	-829.96	-37.61	19171.45	0
Base	34	68	SOL	LinState	Max	0	0	0	0
Base	34	68	WY	LinState	Max	18.45	5.05	13.21	0
Base	34	68	EQX	LinRespSpec	Max	0	0	0	0
Base	34	68	EQY	LinRespSpec	Max	497.12	354.18	377.3	0
Base	34	68	EQX	UnLinRespSpec	Max	36.53	2471.78	784.42	0
Base	34	68	1.4D+1.7L			-18437.71	2481.15	31817.39	0
Base	34	68	0.9D+WX	Combination		-2807.4	681.16	7443.17	0
Base	34	68	0.9D+WX	Combination		-2825.85	636.13	7429.96	0
Base	34	68	0.75(1.4D+1.7L)+1.7WX	Combination		-13604.78	1667.31	23376.85	0
Base	34	68	0.75(1.4D+1.7L)+1.7WX	Combination		-13628.28	1660.86	23863.04	0
Base	34	68	0.75(1.4D+1.7L)+EQX	Combination	Max	-13331.18	2215.04	24626.54	0
Base	34	68	0.75(1.4D+1.7L)+EQX	Combination	Min	-4103.2	1592.68	23465.74	0
Base	34	68	0.75(1.4D+1.7L)+EQY	Combination	Max	-13791.75	4332.64	24657.46	0
Base	34	68	0.75(1.4D+1.7L)+EQY	Combination	Min	-3376.73	4110.92	23682.46	0
Base	34	68	0.9D+EQX	Combination	Max	-2322.78	1901.91	7607.26	0
Base	34	68	0.9D+EQX	Combination	Min	-3332.83	1285.19	7052.66	0
Base	34	68	0.9D+EQY	Combination	Max	-2788.32	4107.91	8224.38	0
Base	34	68	0.9D+EQY	Combination	Min	-2862.38	-835.65	6635.54	0
Base	34	68	D+L	Combination		-11399.5	1780.31	27012.97	0
Base	34	68	D+0.7L+0.75WX	Combination		-8320.97	1793.5	17203.51	0
Base	34	68	D+0.75L+0.75(0.7EQX)	Combination		-8334.81	1798.71	17193.6	0
Base	34	68	D+0.75L+0.75(0.7EQX)	Combination	Min	-8073.92	1775.65	17391.68	0
Base	34	68	D+0.75L+0.75(0.7EQY)	Combination	Max	-3959.5	1603.77	16995.52	0
Base	34	68	D+0.75L+0.75(0.7EQY)	Combination	Min	-5165.93	1607.74	17610.67	0
Base	34	68	D+0.75L+0.75(0.7EQY)	Combination	Min	-4935.98	489.83	16743.53	0
Base	34	68	D+WX	Combination		-3121.39	1622.96	8186.72	0
Base	34	68	D+WX	Combination		-3139.83	1622.92	8255.51	0
Base	34	68	D+0.7EQX	Combination	Max	-2791.83	2065.85	8519.83	0
Base	34	68	D+0.7EQX	Combination	Min	-3487.82	1570	7991.4	0
Base	34	68	D+0.7EQY	Combination	Max	-3114.28	3548.17	8811.61	0
Base	34	68	D+0.7EQY	Combination	Min	-3165.41	87.87	7899.42	0

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[illegible][illegible]

Page 320 of 375

Story	Label	Unique Name	MV kgf-m	MZ kgf-m
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	20	40	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	21	42	0	0
Base	22	44	0	0
Base	22	44	0	0
Base	22	44	0	0
Base	22	44	0	0

[illegible][illegible]

วิชาวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เวงจินตลักษณ์ วช.1754

[illegible]

[illegible][illegible][illegible]

วิชาวกรผู้ออกแบบงานโครงสร้าง
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[illegible]

[illegible][illegible]

Story	Label	Unique Name	MY kg/m	MZ kg/m
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	46	92	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	47	94	0	0
Baso	48	96	0	0
Baso	48	96	0	0
Baso	48	96	0	0
Baso	48	96	0	0

[illegible]

วิศวกรผู้ออกแบบงานโครงสร้าง
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[illegible][illegible]

วิชาวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เวงจินตรักษ์ วย.1754

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วิศวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เมาจินตรักษ์ วย.1754

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Page 348 of 375

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ETABS v20.0.0

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วิศวกรผู้ออกแบบงานโครงสร้าง
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[illegible][illegible][illegible]

วิศวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เสงจินตรักษ์ วย.1754

Story	Label	Unique Name	MV kgf-m	MZ kgf-m
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	95	190	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	97	194	0	0
Base	98	196	0	0
Base	98	196	0	0
Base	98	196	0	0
Base	98	196	0	0

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วิชาวกรผู้ออกแบบงานโครงสร้าง
นายสมภพ เสงจินตรักษ์ วช.1754

[illegible][illegible]

วิชาวกรผู้ออกแบบงานโครงสร้าง
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ETABS v20.0.0

[illegible]

Table 5.6 - Modal Periods And Frequencies

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
Modal	1	0.896	0	0.0022	0	0	0.0022	0	0.0248	0	4.18E-06
Modal	2	0.545	0	0.0066	0	0	0.0066	0	0.071	0	1.335E-05
Modal	3	0.826	0	0.0058	0	0	0.0146	0	0.0618	0	1.252E-05

Table 5.7 - Modal Participating Mass Ratios (Part 2 of 2)Table 5.8 - Modal Load Participation RatiosTable 5.9 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal 1	1	0.896	0	0.996	0	0.002
Modal 2	2	0.846	0	0.995	0	0.005
Modal 3	3	0.626	0	0.973	0	0.022
Modal 4	4	0.818	0	0.504	0	0.498
Modal 5	5	0.814	0	0.589	0	0.011
Modal 6	6	0.807	0	0.016	0	0.984
Modal 7	7	0.807	0	0.029	0	0.971
Modal 8	8	0.801	0	0.001	0	0.999
Modal 9	9	0.769	0	0.996	0	0.004
Modal 10	10	0.418	0.895	0.001	0	0.104
Modal 11	11	0.399	0.001	0.919	0	0.08
Modal 12	12	0.371	0.588	0.005	0	0.409

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Page 375 of 375

	PROJECT	WU		PAGE		
	TITLE	RC-BEAM ANALYSIS AND DESIGN (SDM)		DESIGNED		
	SUBJECT			DATE		
PARAMETERS	CONCRETE					
fc' (ksc)	240	Beta	0.850	ρ : Bal	$G \cdot \text{Beta} \cdot 6120 / (6120 + f_y)$	0.0262
fy (ksc)	4000	G	$0.85 f_c' / f_y$	ρ : Max	0.75 Bal	0.0197
SW (t/m3)	2.4	LF : DL+LL	1.00	ρ : Min	14/fy	0.0035
SW Considered ?	Y	LF : SW	1.40	Rmax	$\text{Max} \cdot f_y [1 - 0.59 \cdot \text{Max} \cdot f_y / f_c']$	63.5

BEAM BST

-Cov = 5	+Cov = 5		CANTI.		SPAN 1		CANTI.	
wa : wb : wc (t/m)				5.45		0.36		
Pa(t) : Pb(t) : sw(t/m)				5.5		0		
a(m) : b(m) : c(m)				25	60	5.5		
B(cm) : H(cm) : L(m)								
ANALYSIS								
- M (t-m)				0.00		0.00		
+M (t-m)					22.5			
x (m) for +M					2.75			
V (t)				16.4		16.4		
FLEXURE								
As (cm ²) Support				+0.0		+0.0		
Span					+12.5			
As' (cm ²)				-	-	-		
SHEAR								
STIRRUP RB9				150		150		
Vu (t)				16.4		16.4		
0.85Vc (t)				9.6		9.6		
0.85Vs (t)				9.5		9.5		
0.85[Vc+Vs] (t)				19.1		19.1		
CHECK : 0.85Vu > Vu				Ok!		Ok!		


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 นายสมภพ เสงจินตรักษ์ วย.1754

		PROJECT WU		PAGE	
		TITLE RC-BEAM ANALYSIS AND DESIGN (SDM)		DESIGNED	
		SUBJECT		DATE	
PARAMETERS	CONCRETE				
fc' (ksc)	240	Beta	0.850	ρ : Bal $G \cdot \text{Beta} \cdot 6120 / (6120 + f_y)$	0.0262
fy (ksc)	4000	G $0.85fc' / f_y$	0.051	ρ : Max 0.75Bal	0.0197
SW (t/m3)	2.4	LF : DL+LL	1.00	ρ : Min $14 / f_y$	0.0035
SW Considered ?	Y	LF : SW	1.40	Rmax $\text{Max} \cdot f_y [1 - 0.59 \cdot \text{Max} \cdot f_y / fc']$	63.5

BEAM B1

-Cov = 5	+Cov = 5		CANTL.	SPAN 1	CANTL.	
wa : wb : wc (t/m)				10.6		0.36
Pa(t) : Pb(t) : sw(t/m)				5		0
a(m) : b(m) : c(m)				25	60	5
B(cm) : H(cm) : L(m)						
ANALYSIS						
- M (t-m)				0.00		0.00
+M (t-m)					34.7	
x (m) for +M					2.50	
V (t)				27.8		27.8
FLEXURE						
As (cm2) Support				+0.0		+0.0
Span					+20.5	
As' (cm2)				-	-	-
SHEAR						
STIRRUP DB10				150		150
Vu (t)				27.8		27.8
0.85Vc (t)				9.6		9.6
0.85Vs (t)				19.6		19.6
0.85[Vc+Vs] (t)				29.2		29.2
CHECK : $0.85V_n > V_u$				Ok!		Ok!

BEAM BE1

-Cov = 5	+Cov = 5		CANTL.	SPAN 1	CANTL.	
wa : wb : wc (t/m)				5.3		0.36
Pa(t) : Pb(t) : sw(t/m)				5		0
a(m) : b(m) : c(m)				25	60	5
B(cm) : H(cm) : L(m)						
ANALYSIS						
- M (t-m)				0.00		0.00
+M (t-m)					18.1	
x (m) for +M					2.50	
V (t)				14.5		14.5
FLEXURE						
As (cm2) Support				+0.0		+0.0
Span					+9.9	
As' (cm2)				-	-	-
SHEAR						
STIRRUP RB9				150		150
Vu (t)				14.5		14.5
0.85Vc (t)				9.6		9.6
0.85Vs (t)				9.5		9.5
0.85[Vc+Vs] (t)				19.1		19.1
CHECK : $0.85V_n > V_u$				Ok!		Ok!

BEAM BB1

-Cov = 5	+Cov = 5		CANTL.	SPAN 1	CANTL.	
wa : wb : wc (t/m)				2.2		0.33
Pa(t) : Pb(t) : sw(t/m)				5		0
a(m) : b(m) : c(m)				25	55	5
B(cm) : H(cm) : L(m)						
ANALYSIS						
- M (t-m)				0.00		0.00
+M (t-m)					8.32	
x (m) for +M					2.50	
V (t)				9.60		9.60
FLEXURE						
As (cm2) Support				+0.0		+0.0
Span					+4.8	
As' (cm2)				-	-	-
SHEAR						
STIRRUP RB9				150		150
Vu (t)				6.7		6.7
0.85Vc (t)				8.7		8.7
0.85Vs (t)				8.7		8.7
0.85[Vc+Vs] (t)				17.4		17.4
CHECK : $0.85V_n > V_u$				Ok!		Ok!

BEAM BST

-Cov = 5	+Cov = 5		CANTL.	SPAN 1	CANTL.	
wa : wb : wc (t/m)				6.5		0.36
Pa(t) : Pb(t) : sw(t/m)				5		0
a(m) : b(m) : c(m)				25	60	5
B(cm) : H(cm) : L(m)						
ANALYSIS						
- M (t-m)				0.00		0.00
+M (t-m)					21.9	
x (m) for +M					2.50	
V (t)				17.5		17.5
FLEXURE						
As (cm2) Support				+0.0		+0.0
Span					+12.1	
As' (cm2)				-	-	-
SHEAR						
STIRRUP RB9				150		150
Vu (t)				17.5		17.5
0.85Vc (t)				9.6		9.6
0.85Vs (t)				9.5		9.5
0.85[Vc+Vs] (t)				19.1		19.1
CHECK : $0.85V_n > V_u$				Ok!		Ok!

BEAM B2

-Cov = 5	+Cov = 5		CANTL.	SPAN 1	CANTL.	
wa : wb : wc (t/m)				4		0.36
Pa(t) : Pb(t) : sw(t/m)				5		0
a(m) : b(m) : c(m)				25	60	5
B(cm) : H(cm) : L(m)						
ANALYSIS						
- M (t-m)				0.00		0.00
+M (t-m)					14.1	
x (m) for +M					2.50	
V (t)				11.3		11.3
FLEXURE						
As (cm2) Support				+0.0		+0.0
Span					+7.5	
As' (cm2)				-	-	-
SHEAR						
STIRRUP RB9				150		150
Vu (t)				11.3		11.3
0.85Vc (t)				9.6		9.6
0.85Vs (t)				9.5		9.5
0.85[Vc+Vs] (t)				19.1		19.1
CHECK : $0.85V_n > V_u$				Ok!		Ok!


 วิศวกรผู้ออกแบบงานโครงสร้าง
 นายสมภพ เสงจินตรักษ์ วช.1754

		PROJECT	WU		PAGE		
		TITLE	RC-BEAM ANALYSIS AND DESIGN (SDM)		DESIGNED		
		SUBJECT			DATE		
PARAMETERS	CONCRETE						
fc' (ksc)	240	Beta	0.850	ρ : Bal	$G \cdot \text{Beta} \cdot 6120 / (6120 + f_y)$	0.0262	
fy (ksc)	4000	G	$0.85 f_c' / f_y$	ρ : Max	0.75Bal	0.0197	
SW (t/m ³)	2.4	LF : DL+LL	1.00	ρ : Min	$14 / f_y$	0.0035	
SW Considered ?	Y	LF : SW	1.40	Rmax	$\text{Max} \cdot f_y [1 - 0.59 \cdot \text{Max} \cdot f_y / f_c']$	63.5	

BEAM BR1

-Cov = 5	+Cov = 5		CANTI.		SPAN 1		CANTI.	
wa : wb : wc (t/m)				2.6				
Pa(t) : Pb(t) : sw(t/m)						0.36		
a(m) : b(m) : c(m)				5.5		0		
B(cm) : H(cm) : L(m)				25	60	5.5		
ANALYSIS								
- M (t-m)				0.00		0.00		
+M (t-m)						11.7		
x (m) for +M						2.75		
V (t)				8.54		8.54		
FLEXURE								
As (cm ²)	Support			+0.0		+0.0		
	Span					+6.2		
As' (cm ²)				-		-		
SHEAR								
STIRRUP RB9				150		150		
Vu (t)				8.5		8.5		
0.85Vc (t)				9.6		9.6		
0.85Vs (t)				9.5		9.5		
0.85[Vc+Vs] (t)				19.1		19.1		
CHECK : 0.85Vn > Vu				Ok!		Ok!		

BEAM BR2

-Cov = 5	+Cov = 5		CANTI.		SPAN 1		CANTI.	
wa : wb : wc (t/m)				3.4				
Pa(t) : Pb(t) : sw(t/m)						0.36		
a(m) : b(m) : c(m)				9		0		
B(cm) : H(cm) : L(m)				25	60	9		
ANALYSIS								
- M (t-m)				0.00		0.00		
+M (t-m)						39.5		
x (m) for +M						4.50		
V (t)				17.6		17.6		
FLEXURE								
As (cm ²)	Support			+0.0		+0.0		
	Span					+24.1		
As' (cm ²)				-		-		
SHEAR								
STIRRUP DB10				150		150		
Vu (t)				17.6		17.6		
0.85Vc (t)				9.6		9.6		
0.85Vs (t)				19.6		19.6		
0.85[Vc+Vs] (t)				29.2		29.2		
CHECK : 0.85Vn > Vu				Ok!		Ok!		

BEAM BR3

-Cov = 5	+Cov = 5		CANTI.		SPAN 1		CANTI.	
wa : wb : wc (t/m)				3.6				
Pa(t) : Pb(t) : sw(t/m)						0.36		
a(m) : b(m) : c(m)				9		0		
B(cm) : H(cm) : L(m)				25	60	9		
ANALYSIS								
- M (t-m)				0.00		0.00		
+M (t-m)						41.6		
x (m) for +M						4.50		
V (t)				18.5		18.5		
FLEXURE								
As (cm ²)	Support			+0.0		+0.0		
	Span					+25.7		
As' (cm ²)				-		-		
SHEAR								
STIRRUP DB10				150		150		
Vu (t)				18.5		18.5		
0.85Vc (t)				9.6		9.6		
0.85Vs (t)				19.6		19.6		
0.85[Vc+Vs] (t)				29.2		29.2		
CHECK : 0.85Vn > Vu				Ok!		Ok!		


 วิศวกรผู้ออกแบบงานโครงสร้าง
 นายสมภพ เงินตรึกษ์ วย.1754

		PROJECT TITLE SUBJECT	WU RC-BEAM ANALYSIS AND DESIGN (SDM)	PAGE DESIGNED DATE		
PARAMETERS	CONCRETE					
fc' (ksc)	240	Beta	0.850	ρ : Bal	G*Beta*6120/(6120+fy)	0.0262
fy (ksc)	4000	G 0.85fc'/fy	0.051	ρ : Max	0.75Bal	0.0197
SW (t/m3)	2.4	LF : DL+LL	1.00	ρ : Min	14/fy	0.0035
SW Considered ?	Y	LF : SW	1.40	Rmax	Max*fy[1-0.59*Max*fy/fe']	63.5

BEAM BBR1

-Cov = 5	+Cov = 5	CANTL.		SPAN 1		CANTL.	
wa : wb : wc (t/m)				1.2			
Pa(t) : Pb(t) : sw(t/m)					0.27		
a(m) : b(m) : c(m)				5	0		
B(cm) : H(cm) : L(m)				25	45	5	
ANALYSIS							
- M (t-m)				0.00	0.00		
+M (t-m)					4.93		
x (m) for +M					2.50		
V (t)				3.95	3.95		
FLEXURE							
As (cm ²)	Support			+0.0	+0.0		
	Span				+3.5		
As' (cm ²)				-	-	-	
SHEAR							
STIRRUP	RB9			150	150		
Vu (t)				3.9	3.9		
0.85Vc (t)				7.0	7.0		
0.85Vs (t)				6.9	6.9		
0.85[Vc+Vs] (t)				13.9	13.9		
CHECK : 0.85Vn > Vu				Ok!	Ok!		

BEAM BBR2

-Cov = 5	+Cov = 5	CANTL.		SPAN 1		CANTL.	
wa : wb : wc (t/m)				1.2			
Pa(t) : Pb(t) : sw(t/m)					0.27		
a(m) : b(m) : c(m)				9	0		
B(cm) : H(cm) : L(m)				25	45	9	
ANALYSIS							
- M (t-m)				0.00	0.00		
+M (t-m)					16.0		
x (m) for +M					4.50		
V (t)				7.10	7.10		
FLEXURE							
As (cm ²)	Support			+0.0	+0.0		
	Span				+12.7		
As' (cm ²)				-	-	-	
SHEAR							
STIRRUP	RB9			150	150		
Vu (t)				7.1	7.1		
0.85Vc (t)				7.0	7.0		
0.85Vs (t)				6.9	6.9		
0.85[Vc+Vs] (t)				13.9	13.9		
CHECK : 0.85Vn > Vu				Ok!	Ok!		

BEAM BBR4

-Cov = 5	+Cov = 5	CANTL.		SPAN 1		CANTL.	
wa : wb : wc (t/m)				1.2			
Pa(t) : Pb(t) : sw(t/m)					0.27		
a(m) : b(m) : c(m)				10	0		
B(cm) : H(cm) : L(m)				25	45	10	
ANALYSIS							
- M (t-m)				0.00	0.00		
+M (t-m)					19.7		
x (m) for +M					5.00		
V (t)				7.89	7.89		
FLEXURE							
As (cm ²)	Support			+0.0	+0.0		
	Span				+16.3		
As' (cm ²)				-	-	-	
SHEAR							
STIRRUP	DB10			150	150		
Vu (t)				7.9	7.9		
0.85Vc (t)				7.0	7.0		
0.85Vs (t)				14.2	14.2		
0.85[Vc+Vs] (t)				21.2	21.2		
CHECK : 0.85Vn > Vu				Ok!	Ok!		

BEAM BBR3

-Cov = 5	+Cov = 5	CANTL.		SPAN 1		CANTL.	
wa : wb : wc (t/m)				1.2			
Pa(t) : Pb(t) : sw(t/m)					0.27		
a(m) : b(m) : c(m)				9	0		
B(cm) : H(cm) : L(m)				25	45	9	
ANALYSIS							
- M (t-m)				0.00	0.00		
+M (t-m)					16.0		
x (m) for +M					4.50		
V (t)				7.10	7.10		
FLEXURE							
As (cm ²)	Support			+0.0	+0.0		
	Span				+12.7		
As' (cm ²)				-	-	-	
SHEAR							
STIRRUP	DB10			150	150		
Vu (t)				7.1	7.1		
0.85Vc (t)				7.0	7.0		
0.85Vs (t)				14.2	14.2		
0.85[Vc+Vs] (t)				21.2	21.2		
CHECK : 0.85Vn > Vu				Ok!	Ok!		


 วิศวกรผู้ออกแบบงาน โครงสร้าง
 นายสมภพ เจริญจันทร์ วย.1754

	PROJECT TITLE SUBJECT	EDGE-SUPPORTED SLAB DESIGN		PAGE DESIGNED DATE
MATERIAL'S PARAMETERS				
fc' (ksc)	240	Mu	Coef* $wu \cdot Lx^2$	
fy (ksc) for dia >= 10	4000	ρ :	Temp. Steel : dia >= 10	0.0018
fy (ksc) for dia < 10	2400		Temp. Steel : dia < 10	0.0025
Factor : DL	1.4			
Factor : LL	1.7			
Note On : Edge Support Slab Design by Using ACI and EIT-Method2 Code				

SLAB NO.	S1
Lx (m)	5
Ly (m)	5
t (cm)	15 ≥ 11.1
d (cm)	12
(Lx+Ly)/0.9	11.1
Wsw (ksm)	360
WsdL (ksm)	300
Wll (ksm)	300
Support	C0
Lx/Ly	1.00
As,temp(cm2/m/side)	2.70

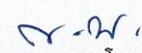
wu (ksm)	1.4[Wsw+WsdL] + 1.7Wll			1434		
Support Condition				0-Side Continued		
Direction	x : Short			y : Long		
Moment	+M	-Mc	-Mnc	+M	-Mc	-Mnc
Coef	0.0500		0.0330	0.0500		0.0330
Mu (t-m/m)	1.79		1.18	1.79		1.18
As,req (cm2/m)	4.3		2.8	4.3		2.8
As,act (cm2/m)	4.3		2.8	4.3		2.8
Use 10 @	150		200	150		200
As (cm2/m)	5.2		3.9	5.2		3.9
As>As act	Ok !		Ok !	Ok !		Ok !

SLAB NO.	ST
Lx (m)	5
Ly (m)	5.5
t (cm)	17.5 ≥ 11.7
d (cm)	14.5
(Lx+Ly)/0.9	11.7
Wsw (ksm)	420
WsdL (ksm)	300
Wll (ksm)	400
Support	C0
Lx/Ly	0.90
As,temp(cm2/m/side)	3.15

wu (ksm)	1.4[Wsw+WsdL] + 1.7Wll			1688		
Support Condition				0-Side Continued		
Direction	x : Short			y : Long		
Moment	+M	-Mc	-Mnc	+M	-Mc	-Mnc
Coef	0.0570		0.0380	0.0500		0.0330
Mu (t-m/m)	2.41		1.60	2.11		1.39
As,req (cm2/m)	4.8		3.1	4.2		2.7
As,act (cm2/m)	4.8		3.1	4.2		2.7
Use 10 @	150		200	150		200
As (cm2/m)	5.2		3.9	5.2		3.9
As>As.act	Ok !		Ok !	Ok !		Ok !

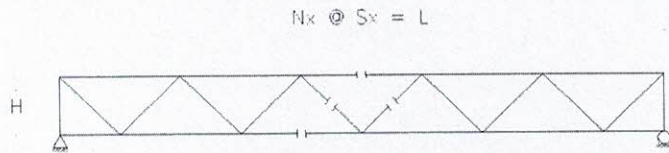
SLAB NO.	SR
Lx (m)	5.5
Ly (m)	9
t (cm)	17.5 ≥ 16.1
d (cm)	14.5
(Lx+Ly)/0.9	16.1
Wsw (ksm)	420
WsdL (ksm)	200
Wll (ksm)	300
Support	C0
Lx/Ly	0.61
As,temp(cm2/m/side)	3.15

wu (ksm)	1.4[Wsw+WsdL] + 1.7Wll			1378		
Support Condition				0-Side Continued		
Direction	x : Short			y : Long		
Moment	+M	-Mc	-Mnc	+M	-Mc	-Mnc
Coef	0.0792		0.0524	0.0500		0.0330
Mu (t-m/m)	3.30		2.18	2.08		1.38
As,req (cm2/m)	6.6		4.3	4.1		2.7
As,act (cm2/m)	6.6		4.3	4.1		2.7
Use 10 @			150	150		200
Use 12 @	150					
As (cm2/m)	7.5		5.2	5.2		3.9
As>As.act	Ok !		Ok !	Ok !		Ok !


 วิศวกรผู้ออกแบบงานโครงสร้าง
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	PROJECT WU TITLE SIMPLIFIED TRUSS ANALYSIS AND DESIGN SUBJECT	PAGE DESIGNED DATE
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TRUSS NO.	T1
Fy (ksc)	2400
E (ksc)	2.04E+06
L (m)	20
H (m)	1.1
Nx	12
D (m)	0.95
Bay (m)	5
Sx (m)	1.67
Ld (m)	1.38
Ang (hor deg)	52.9



ALLOWABLE STRESS FORMULAR

Fa,ine	$\{[1-0.5((kl/r)/Cc)^2]/[5/3+3/8*(kl/r)/Cc-1/8*((kl/r)/Cc)^3]\} F_y$
Fa,e	$12/23*\pi^2 E/(kl/r)^2$
Cc	$SQRT[2\pi^2 E_s/F_y]$
Cc	129.5

Loading	Value	a (m)	b (m)
w1 (t/m)	0.45	0	20
w2 (t/m)			
w3 (t/m)			
P1 (t)			
P2 (t)			
P3 (t)			
w,tri (t/m)			
MI (t-m)			
Mr (t-m)			
Span Moment (t-m)			22.50
Position from left (m)			0.00
Shear (t)			4.50
			4.50

Designed Force

M (t-m)	22.50
V (t)	4.50

Couple Force

Ft = Fc (t)	M/D	23.69
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Diagonal Force

Ft = Fc (t)	V*(Ld/D)	6.54
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Reaction Force

Fc (t)	V	4.50
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ELE NO.	TOP CORD	Section Parameters	ELE NO.	BOT CORD	Section Parameters
P (t)	23.69		P (t)	23.69	
kx	1	A (cm2) 19.1	kx	1	A (cm2) 19.1
ky	1	Pt (t) 27.5	ky	1	Pt (t) 27.5
Lx (m)	1.67	rx (cm) 4.79	Lx (m)	10.00	rx (cm) 4.79
Ly (m)	1.67	ry (cm) 4.79	Ly (m)	1.67	ry (cm) 4.79
Section	CHS139.8x4.5	[kL]x/rx 34.8	Section	CHS139.8x4.5	[kL]x/rx 208.8
		[kL]y/ry 34.8			[kL]y/ry 34.8
Designed for	Compression	sw (kg/m) 15.0	Designed for	Tension	sw (kg/m) 15.0
[kL/r]max	34.8 > 20.0		[kL/r]max	208.8 > 20.0	
fa (ksc)	P/A 1238		fa (ksc)	P/A 1238	
Fa (ksc)	Fa,ine 1311 { 0.55Fy }		Fa (ksc)	0.66Fy 1584 { 0.66Fy }	
Pa (t)	Fa,ine*A 25.1 > 23.69 Ok! [0.94]		Pa (t)	0.66Fy*A 30.3 > 23.69 Ok! [0.78]	

ELE NO.	DIAGONAL	Section Parameters
P (t)	6.54	
kx	1	A (cm2) 6.5
ky	1	Pt (t) 9.3
Lx (m)	1.38	rx (cm) 2.60
Ly (m)	1.38	ry (cm) 2.60
Section	CHS76.3x2.8	[kL]x/rx 53.1
		[kL]y/ry 53.1
Designed for	Compression	sw (kg/m) 5.1
[kL/r]max	53.1 > 20.0	
fa (ksc)	P/A 1012	
Fa (ksc)	Fa,ine 1213 { 0.51Fy }	
Pa (t)	Fa,ine*A 7.8 > 6.54 Ok! [0.83]	

DEFLECTION ANALYSIS

A (cm2)	19.1
e (cm)	47.5
Icrod (cm4)	0
Sum Ix (cm4)	86,324
Deflection	
Def' (cm)	5.32
Def / L	1/ 376
x (m)	0.00
Rotation (degree)	
Left	0.49
Right	0.49

SELFWEIGHT ANALYSIS

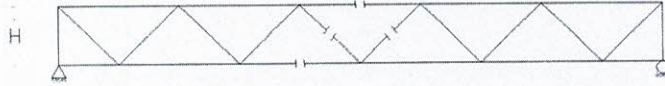
MEMBER	LENGTH	NO	sw (kg/m)	sw (kg)	Ratio
TOP CORD	20.0	1	15	300.0	0.390
BOT CORD	20.0	1	15	300.0	0.390
DIAGONAL	1.38	24	5.1	168.3	0.219
			Total SW	768	1.00

Truss's Weight	SW	768 kg
	SW/L	38.4 kg/m
	SW/(L*Bay)	7.68 kg/m2

	PROJECT WU TITLE SIMPLIFIED TRUSS ANALYSIS AND DESIGN SUBJECT	PAGE DESIGNED DATE
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TRUSS NO.	T1E
Fy (ksc)	2400
E (ksc)	2.04E+06
L (m)	5
H (m)	0.8
Nx	4
D (m)	0.7
Bay (m)	5
Sx (m)	1.25
Ld (m)	1.02
Ang (hor deg)	52.0

$$N_x @ S_x = L$$



ALLOWABLE STRESS FORMULAR

Fa,ine	$\{ [1-0.5((kl/r)/C_c)^2] / [5/3+3/8*(kl/r)/C_c-1/8*((kl/r)/C_c)^3] \} F_y$
Fa,e	$12/23 * \pi^2 E / (kl/r)^2$
Cc	$\text{SQRT}[2\pi^2 E_s / F_y]$
Cc	129.5

Loading	Value	a (m)	b (m)
w1 (t/m)	0.45	0	5
w2 (t/m)			
w3 (t/m)			
P1 (t)			
P2 (t)			
P3 (t)			
w,tri (t/m)			
MI (t-m)			
Mr (t-m)			
Span Moment (t-m)			1.41
Position from left (m)			0.00
Shear (t)			1.13
			1.13

Designed Force

M (t-m)	1.41
V (t)	1.13

Couple Force

Ft = Fc (t)	M/D	2.01
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Diagonal Force

Ft = Fc (t)	V*(Ld/D)	1.64
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Reaction Force

Fc (t)	V	1.13
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ELE NO.	TOP CORD	Section Parameters	ELE NO.	BOT CORD	Section Parameters
P (t)	2.01		P (t)	2.01	
kx	1	A (cm2) 6.5	kx	1	A (cm2) 6.5
ky	1	Pt (t) 9.3	ky	1	Pt (t) 9.3
Lx (m)	1.25	rx (cm) 2.60	Lx (m)	10.00	rx (cm) 2.60
Ly (m)	1.25	ry (cm) 2.60	Ly (m)	1.25	ry (cm) 2.60
Section	CHS76.3x2.8	[kL]x/rx 48.1	Section	CHS76.3x2.8	[kL]x/rx 384.6 > 300 !!
		[kL]y/ry 48.1			[kL]y/ry 48.1
Designed for	Compression	sw (kg/m) 5.1	Designed for	Tension	sw (kg/m) 5.1
[kL/r]max	48.1 > 5.0		[kL/r]max	384.6 > 5.0	
fa (ksc)	P/A 311		fa (ksc)	P/A 311	
Fa (ksc)	Fa,ine 1242 { 0.52Fy }		Fa (ksc)	0.66Fy 1584 { 0.66Fy }	
Pa (t)	Fa,ine*A 8.0 > 2.01 Ok! [0.25]		Pa (t)	0.66Fy*A 10.2 > 2.01 Ok! [0.20]	

ELE NO.	DIAGONAL	Section Parameters
P (t)	1.64	
kx	1	A (cm2) 2.9
ky	1	Pt (t) 4.2
Lx (m)	1.02	rx (cm) 1.43
Ly (m)	1.02	ry (cm) 1.43
Section	CHS42.7x2.3	[kL]x/rx 71.0
		[kL]y/ry 71.0
Designed for	Compression	sw (kg/m) 2.3
[kL/r]max	71.0 > 5.0	
fa (ksc)	P/A 562	
Fa (ksc)	Fa,ine 1101 { 0.46Fy }	
Pa (t)	Fa,ine*A 3.2 > 1.64 Ok! [0.51]	

DEFLECTION ANALYSIS

A (cm2)	6.5
e (cm)	35
Icord (cm4)	0
Sum Ix (cm4)	15,839
Deflection	
Def (cm)	0.11
Def / L	1/ 4,412
x (m)	0.00
Rotation (degree)	
Left	0.04
Right	0.04

SELFWEIGHT ANALYSIS

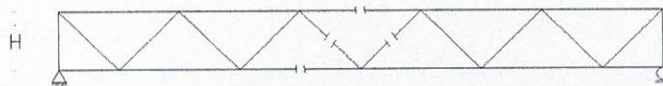
MEMBER	LENGTH	NO	sw (kg/m)	sw (kg)	Ratio
TOP CORD	5.0	1	5.08	25.4	0.366
BOT CORD	5.0	1	5.08	25.4	0.366
DIAGONAL	1.02	8	2.3	18.6	0.268
			Total SW	69	1.00

Truss's Weight	SW	69 kg
	SW/L	13.9 kg/m
	SW/(L*Bay)	2.78 kg/m2

	PROJECT WU TITLE SIMPLIFIED TRUSS ANALYSIS AND DESIGN SUBJECT	PAGE DESIGNED DATE
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TRUSS NO.	T1EJ
Fy (ksc)	2400
E (ksc)	2.04E+06
L (m)	9
H (m)	0.8
Nx	8
D (m)	0.7
Bay (m)	5
Sx (m)	1.13
Ld (m)	0.98
Ang (hor deg)	54.9

$$Nx @ Sx = L$$



ALLOWABLE STRESS FORMULAR

Fa,ine	$\{[1-0.5((kl/r)/Cc)^2]/[5/3+3/8*(kl/r)/Cc-1/8*((kl/r)/Cc)^3]\}Fy$
Fa,e	$12/23*\pi^2E/(kl/r)^2$
Cc	$SQRT[2\pi^2Es/Fy]$
Cc	129.5

Loading	Value	a (m)	b (m)
w1 (t/m)	0.45	0	9
w2 (t/m)			
w3 (t/m)			
P1 (t)			
P2 (t)			
P3 (t)			
w,tri (t/m)			
MI (t-m)			
Mr (t-m)			
Span Moment (t-m)			4.56
Position from left (m)			0.00
Shear (t)	Left		2.03
	Right		2.03

Designed Force

M (t-m)	4.56
V (t)	2.03

Couple Force

Ft = Fc (t)	M/D	6.51
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Diagonal Force

Ft = Fc (t)	V*(Ld/D)	2.83
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Reaction Force

Fc (t)	V	2.03
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ELE NO.	TOP CORD	Section Parameters	ELE NO.	BOT CORD	Section Parameters
P (t)	6.51		P (t)	6.51	
kx	1	A (cm2) 7.6	kx	1	A (cm2) 7.6
ky	1	Pt (t) 10.9	ky	1	Pt (t) 10.9
Lx (m)	1.13	rx (cm) 3.05	Lx (m)	10.00	rx (cm) 3.05
Ly (m)	1.13	ry (cm) 3.05	Ly (m)	1.13	ry (cm) 3.05
Section	CHS89.1x2.8	[kL]x/rx 36.9	Section	CHS89.1x2.8	[kL]x/rx 327.9 > 300 !!
		[kL]y/ry 36.9			[kL]y/ry 36.9
Designed for	Compression	sw (kg/m) 6.0	Designed for	Tension	sw (kg/m) 6.0
[kL/r]max	36.9 > 9.0		[kL/r]max	327.9 > 9.0	
fa (ksc)	P/A 858		fa (ksc)	P/A 858	
Fa (ksc)	Fa,ine 1301 { 0.54Fy }		Fa (ksc)	0.66Fy 1584 { 0.66Fy }	
Pa (t)	Fa,ine*A 9.9 > 6.51 Ok! [0.66]		Pa (t)	0.66Fy*A 12.0 > 6.51 Ok! [0.54]	

ELE NO.	DIAGONAL	Section Parameters
P (t)	2.83	
kx	1	A (cm2) 3.3
ky	1	Pt (t) 4.8
Lx (m)	0.98	rx (cm) 1.64
Ly (m)	0.98	ry (cm) 1.64
Section	CHS48.6x2.3	[kL]x/rx 59.6
		[kL]y/ry 59.6
Designed for	Compression	sw (kg/m) 2.6
[kL/r]max	59.6 > 9.0	
fa (ksc)	P/A 846	
Fa (ksc)	Fa,ine 1174 { 0.49Fy }	
Pa (t)	Fa,ine*A 3.9 > 2.83 Ok! [0.72]	

DEFLECTION ANALYSIS

A (cm2)	7.6
e (cm)	35
Icord (cm4)	0
Sum Ix (cm4)	18,598
Deflection	
Def (cm)	1.01
Def / L	1/888
x (m)	0.00
Rotation (degree)	
Left	0.21
Right	0.21

SELFWEIGHT ANALYSIS

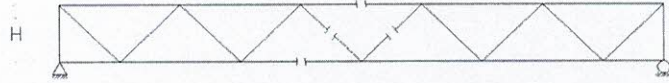
MEMBER	LENGTH	NO	sw (kg/m)	sw (kg)	Ratio
TOP CORD	9.0	1	5.96	53.6	0.361
BOT CORD	9.0	1	5.96	53.6	0.361
DIAGONAL	0.98	16	2.6	41.2	0.277
			Total SW	148	1.00

Truss's Weight	SW	148 kg
	SW/L	16.5 kg/m
	SW/(L*Bay)	3.30 kg/m2

	PROJECT WU TITLE SIMPLIFIED TRUSS ANALYSIS AND DESIGN SUBJECT	PAGE DESIGNED DATE
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TRUSS NO.	T1J
Fy (ksc)	2400
E (ksc)	2.04E+06
L (m)	9
H (m)	1.1
Nx	5
D (m)	0.95
Bay (m)	5
Sx (m)	1.80
Ld (m)	1.42
Ang (hor deg)	50.7

$$N_x @ S_x = L$$



ALLOWABLE STRESS FORMULAR

Fa,ine	$\{[1-0.5((kl/r)/Cc)^2]/[5/3+3/8*(kl/r)/Cc-1/8*((kl/r)/Cc)^3]\}F_y$
Fa,e	$12/23*\pi^2E/(kl/r)^2$
Cc	$SQRT[2\pi^2Es/F_y]$
Cc	129.5

Loading	Value	a (m)	b (m)
w1 (t/m)	0.45	0	9
w2 (t/m)			
w3 (t/m)			
P1 (t)			
P2 (t)			
P3 (t)			
w,tri (t/m)			
MI (t-m)			
Mr (t-m)			
Span Moment (t-m)			4.56
Position from left (m)			0.00
Shear (t)	Left		2.03
	Right		2.03

Designed Force

M (t-m)	4.56
V (t)	2.03

Couple Force

Ft = Fc (t)	M/D	4.80
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Diagonal Force

Ft = Fc (t)	V*(Ld/D)	3.03
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Reaction Force

Fc (t)	V	2.03
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ELE NO.	TOP CORD	Section Parameters	ELE NO.	BOT CORD	Section Parameters
P (t)	4.80		P (t)	4.80	
kx	1	A (cm2) 11.2	kx	1	A (cm2) 11.2
ky	1	Pt (t) 16.1	ky	1	Pt (t) 16.1
Lx (m)	1.80	rx (cm) 3.93	Lx (m)	10.00	rx (cm) 3.93
Ly (m)	1.80	ry (cm) 3.93	Ly (m)	1.80	ry (cm) 3.93
Section	CHS114.3x3.2	[kL]x/rx 45.8	Section	CHS114.3x3.2	[kL]x/rx 254.5 > 240 !
		[kL]y/ry 45.8			[kL]y/ry 45.8
Designed for	Compression	sw (kg/m) 8.8	Designed for	Tension	sw (kg/m) 8.8
[kL/r]max	45.8 > 9.0		[kL/r]max	254.5 > 9.0	
fa (ksc)	P/A	430	fa (ksc)	P/A	430
Fa (ksc)	Fa,ine	1254 { 0.52Fy }	Fa (ksc)	0.66Fy	1584 { 0.66Fy }
Pa (t)	Fa,ine*A	14.0 > 4.8 Ok! [0.34]	Pa (t)	0.66Fy*A	17.7 > 4.8 Ok! [0.27]

ELE NO.	DIAGONAL	Section Parameters
P (t)	3.03	
kx	1	A (cm2) 4.2
ky	1	Pt (t) 6.1
Lx (m)	1.42	rx (cm) 2.06
Ly (m)	1.42	ry (cm) 2.06
Section	CHS60.5x2.3	[kL]x/rx 69.0
		[kL]y/ry 69.0
Designed for	Compression	sw (kg/m) 3.3
[kL/r]max	69.0 > 9.0	
fa (ksc)	P/A	721
Fa (ksc)	Fa,ine	1115 { 0.46Fy }
Pa (t)	Fa,ine*A	4.7 > 3.03 Ok! [0.65]

DEFLECTION ANALYSIS

A (cm2)	11.2
e (cm)	47.5
Icord (cm4)	0
Sum Ix (cm4)	50.405
Deflection	
Def (cm)	0.37
Def / L	1/ 2,407
x (m)	0.00
Rotation (degree)	
Left	0.08
Right	0.08

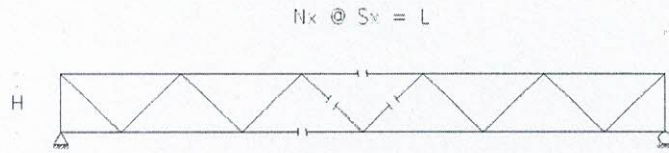
SELFWEIGHT ANALYSIS

MEMBER	LENGTH	NO	sw (kg/m)	sw (kg)	Ratio
TOP CORD	9.0	1	8.77	78.9	0.385
BOT CORD	9.0	1	8.77	78.9	0.385
DIAGONAL	1.42	10	3.3	46.9	0.229
			Total SW	205	1.00

Truss's Weight	SW	205 kg
	SW/L	22.8 kg/m
	SW/(L*Bay)	4.55 kg/m2

	PROJECT WU TITLE SIMPLIFIED TRUSS ANALYSIS AND DESIGN SUBJECT	PAGE DESIGNED DATE
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TRUSS NO.	T2
Fy (ksc)	2400
E (ksc)	2.04E+06
L (m)	7
H (m)	1.1
Nx	5
D (m)	1
Bay (m)	5
Sx (m)	1.40
Ld (m)	1.30
Ang (hor deg)	57.5



ALLOWABLE STRESS FORMULAR

Fa,ine	$\{[1-0.5((kl/r)/Cc)^2]/[5/3+3/8*(kl/r)/Cc-1/8*((kl/r)/Cc)^3]\}F_y$
Fa,e	$12/23*\pi^2E/(kl/r)^2$
Cc	$SQRT[2\pi^2Es/F_y]$
Cc	129.5

Loading	Value	a (m)	b (m)
w1 (t/m)		0	7
w2 (t/m)			
w3 (t/m)			
P1 (t)	6.525	5	-
P2 (t)			
P3 (t)			
w,tri (t/m)			
MI (t-m)			
Mr (t-m)			
Span Moment (t-m)			9.32
Position from left (m)			0.00
Shear (t)	Left		1.86
	Right		4.66

Designed Force

M (t-m)	9.32
V (t)	4.66

Couple Force

Ft = Fc (t)	M/D	9.33
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Diagonal Force

Ft = Fc (t)	$V*(Ld/D)$	6.08
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Reaction Force

Fc (t)	V	4.67
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ELE NO.	TOP CORD	Section Parameters	ELE NO.	BOT CORD	Section Parameters
P (t)	9.33		P (t)	9.33	
kx	1	A (cm2) 15.4	kx	1	A (cm2) 15.4
ky	1	Pt (t) 22.2	ky	1	Pt (t) 22.2
Lx (m)	5.00	rx (cm) 4.82	Lx (m)	7.00	rx (cm) 4.82
Ly (m)	1.40	ry (cm) 4.82	Ly (m)	1.40	ry (cm) 4.82
Section	CHS139.8x3.6	[kL]x/rx 103.7	Section	CHS139.8x3.6	[kL]x/rx 145.2
		[kL]y/ry 29.0			[kL]y/ry 29.0
Designed for	Compression	sw (kg/m) 12.1	Designed for	Tension	sw (kg/m) 12.1
[kL/r]max	103.7 > 7.0		[kL/r]max	145.2 > 7.0	
fa (ksc)	P/A	606	fa (ksc)	P/A	606
Fa (ksc)	Fa,ine	857 { 0.36Fy }	Fa (ksc)	0.66Fy	1584 { 0.66Fy }
Pa (t)	Fa,ine*A	13.2 > 9.33 Ok! [0.71]	Pa (t)	0.66Fy*A	24.4 > 9.33 Ok! [0.38]

ELE NO.	DIAGONAL	Section Parameters
P (t)	6.08	
kx	1	A (cm2) 6.5
ky	1	Pt (t) 9.3
Lx (m)	1.30	rx (cm) 2.60
Ly (m)	1.30	ry (cm) 2.60
Section	CHS76.3x2.8	[kL]x/rx 50.1
		[kL]y/ry 50.1
Designed for	Compression	sw (kg/m) 5.1
[kL/r]max	50.1 > 7.0	
fa (ksc)	P/A	940
Fa (ksc)	Fa,ine	1230 { 0.51Fy }
Pa (t)	Fa,ine*A	8.0 > 6.08 Ok! [0.76]

DEFLECTION ANALYSIS

A (cm2)	15.4
e (cm)	50
Icord (cm4)	0
Sum Ix (cm4)	77,000
Deflection	
Def (cm)	0.23
Def / L	1/ 3,046
x (m)	0.00
Rotation (degree)	
Left	0.05
Right	0.07

SELFWEIGHT ANALYSIS

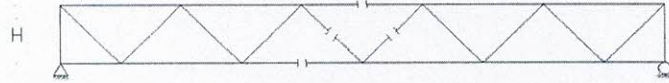
MEMBER	LENGTH	NO	sw (kg/m)	sw (kg)	Ratio
TOP CORD	7.0	1	12.1	84.7	0.359
BOT CORD	7.0	1	12.1	84.7	0.359
DIAGONAL	1.30	10	5.1	66.2	0.281
			Total SW	236	1.00

Truss's Weight	SW	236 kg
	SW/L	33.7 kg/m
	SW/(L*Bay)	6.73 kg/m2

	PROJECT WU TITLE SIMPLIFIED TRUSS ANALYSIS AND DESIGN SUBJECT	PAGE DESIGNED DATE
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TRUSS NO.	T3
Fy (ksc)	2400
E (ksc)	2.04E+06
L (m)	10
H (m)	1.1
Nx	6
D (m)	0.95
Bay (m)	5
Sx (m)	1.67
Ld (m)	1.38
Ang (hor deg)	52.9

$$Nx @ Sx = L$$



ALLOWABLE STRESS FORMULAR

Fa,ine	$\{[1-0.5((kl/r)/Cc)^2]/[5/3+3/8*((kl/r)/Cc-1/8*((kl/r)/Cc)^3]\} Fy$
Fa,e	$12/23*\pi^2 E/(kl/r)^2$
Cc	$SQRT[2\pi^2 Es/Fy]$
Cc	129.5

Loading	Value	a (m)	b (m)
w1 (t/m)		0	10
w2 (t/m)			
w3 (t/m)			
P1 (t)	6.525	5	-
P2 (t)			
P3 (t)			
w,tri (t/m)			
MI (t-m)			
Mr (t-m)			
Span Moment (t-m)			16.31
Position from left (m)			0.00
Shear (t)			3.26
			3.26

Designed Force

M (t-m)	16.31
V (t)	3.26

Couple Force

Ft = Fc (t)	M/D	17.18
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Diagonal Force

Ft = Fc (t)	V*(Ld/D)	4.74
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Reaction Force

Fc (t)	V	3.27
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ELE NO.	TOP CORD	Section Parameters	ELE NO.	BOT CORD	Section Parameters
P (t)	17.18		P (t)	17.18	
kx	0.75	A (cm2) 19.1	kx	1	A (cm2) 19.1
ky	1	Pt (t) 27.5	ky	1	Pt (t) 27.5
Lx (m)	5.00	rx (cm) 4.79	Lx (m)	7.00	rx (cm) 4.79
Ly (m)	1.67	ry (cm) 4.79	Ly (m)	1.67	ry (cm) 4.79
Section	CHS139.8x4.5	[kL]x/rx 78.3	Section	CHS139.8x4.5	[kL]x/rx 146.1
		[kL]y/ry 34.8			[kL]y/ry 34.8
Designed for	Compression	sw (kg/m) 15.0	Designed for	Tension	sw (kg/m) 15.0
[kL/r]max	78.3 > 10.0		[kL/r]max	146.1 > 10.0	
fa (ksc)	P/A 898		fa (ksc)	P/A 898	
Fa (ksc)	Fa,ine 1051 { 0.44Fy }		Fa (ksc)	0.66Fy 1584 { 0.66Fy }	
Pa (t)	Fa,ine*A 20.1 > 17.18 Ok! [0.85]		Pa (t)	0.66Fy*A 30.3 > 17.18 Ok! [0.57]	

ELE NO.	DIAGONAL	Section Parameters
P (t)	4.74	
kx	1	A (cm2) 6.5
ky	1	Pt (t) 9.3
Lx (m)	1.38	rx (cm) 2.60
Ly (m)	1.38	ry (cm) 2.60
Section	CHS76.3x2.8	[kL]x/rx 53.1
		[kL]y/ry 53.1
Designed for	Compression	sw (kg/m) 5.1
[kL/r]max	53.1 > 10.0	
fa (ksc)	P/A 733	
Fa (ksc)	Fa,ine 1213 { 0.51Fy }	
Pa (t)	Fa,ine*A 7.8 > 4.74 Ok! [0.60]	

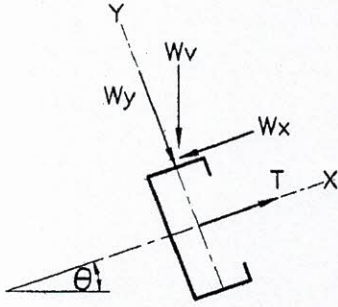
DEFLECTION ANALYSIS

A (cm2)	19.1
e (cm)	47.5
Icord (cm4)	0
Sum Ix (cm4)	86,324
Deflection	
Def (cm)	0.77
Def / L	1/1,295
x (m)	0.00
Rotation (degree)	
Left	0.13
Right	0.13

SELFWEIGHT ANALYSIS

MEMBER	LENGTH	NO	sw (kg/m)	sw (kg)	Ratio
TOP CORD	10.0	1	15	150.0	0.390
BOT CORD	10.0	1	15	150.0	0.390
DIAGONAL	1.38	12	5.1	84.1	0.219
			Total SW	384	1.00

Truss's Weight	SW	384 kg
	SW/L	38.4 kg/m
	SW/(L*Bay)	7.68 kg/m2

	PROJECT TITLE SUBJECT	WU BIAXIAL BENDING DESIGN (ASD)	PAGE DESIGNED DATE
			

MEMBER PURLIN

wv (ksm)	50	Wy (kg/m)	{wv*Cos[Ang]+wy}*Spac	129.8
wy (ksm)	50	Wx (kg/m)	{wv*Sin[Ang] + wx}*Spac	5.7
wx (ksm)	0	Defection		
L (m) of Purlin	5	Def (cm)	5/384Wy*L^4/(EI)	1.56
Spac (m) of Purlin	1.3	Def/L	1.56/500	1/321
Angle (deg)	5	Bending Stress		
No. of Sag Rod	0	<i>Position : x = 0.5L</i>		
No. of Span.	1	Mx (kg-m)	Wx*L^2/8	405
Fy (ksc)	2400	My (kg-m)	Wy*L^2/8	18
E (ksc)	2.04E+06	fb (ksc)	Mx/Sx + My/(0.5Sy)	1206 < 1440 Ok !
SECTION	C150x65x20x3.2			
Sx (cm3)	44.3			
Sy (cm3)	12.2			
Ix (cm4)	332			
Fb (ksc)	0.6Fy	1440		



เพื่อใช้ประกอบการขออนุญาตประกอบวิชาชีพวิศวกรรมควบคุม
เลขที่ 222 ตำบลไทยบุรี อำเภอท่าเสา จังหวัดนครราชสีมา



สำเนาถูกต้อง

สมภพ

(นายสมภพ เภาจินตรักษ์)

วันที่ 20 / มีนาคม / 2567