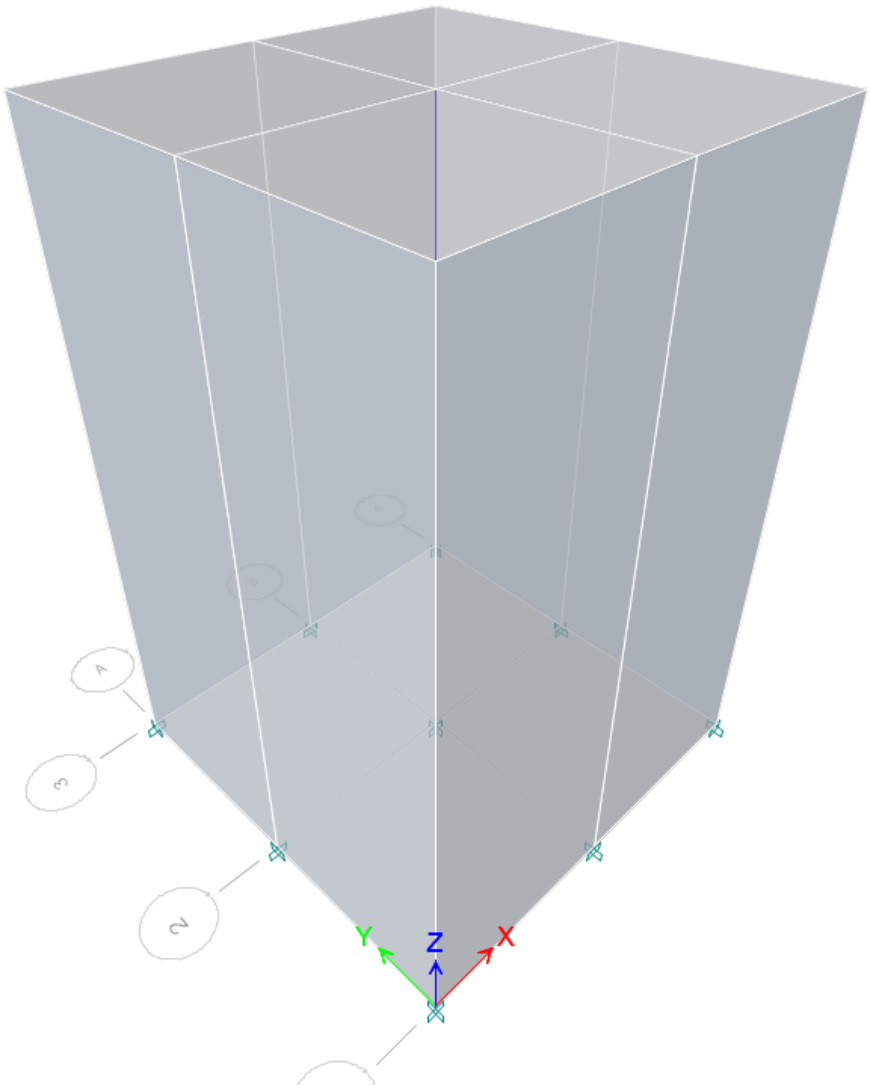
ETABS®



Summary Report

Model File: 374 - P.La rockera - copia$_{V13,}$ Revision 0
21/04/2026

1 Structure Data

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

1.1 Story Data

Table 1.1 - Story Definitions

Tower	Name	Height m	Master Story	Similar To	Splice Story	Color
T1	CUB	2	Yes	None	No	Red

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

Name	Is Auto Load	Type	Self Weight Multiplier	Auto Load
~LLRF	Yes	Other	0	
GRANIZO	No	Seismic	0	None
MUERTA	No	Dead	0	
PPROPIO	No	Dead	1	
SISMOX	No	Seismic	0	User Coefficient
SISMOY	No	Seismic	0	User Coefficient
VIVA	No	Live	0	

2.2 Load Cases

Table 2.2 - Load Case Definitions - Summary

Name	Type
MUERTA	Linear Static
VIVA	Linear Static
PPROPIO	Linear Static
SISMOX	Linear Static
SISMOY	Linear Static
GRANIZO	Linear Static
Modal	Modal - Eigen

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions

Output Case	Case Type	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m	X m	Y m	Z m
MUERTA	LinStatic	0	0	0.6929	0.4504	-0.4504	0	0	0	0
VIVA	LinStatic	0	0	0.3042	0.1977	-0.1977	0	0	0	0
PPROPIO	LinStatic	0	0	6.1608	4.0045	-4.0045	0	0	0	0
SISMOX	LinStatic	-0.2926	0	0	0	-0.5853	0.1902	0	0	0
SISMOY	LinStatic	0	-0.2926	0	0.5853	0	-0.1902	0	0	0
GRANIZO	LinStatic	0	0	0	0	0	0	0	0	0
COMB01	Combination	0	0	9.5952	6.2369	-6.2369	0	0	0	0
COMB02	Combination	0	0	8.7112	5.6623	-5.6623	0	0	0	0
COMB03	Combination	-0.2926	-0.0878	8.5286	5.7192	-6.1289	0.1332	0	0	0
COMB04	Combination	-0.2926	0.0878	8.5286	5.368	-6.1289	0.2473	0	0	0
COMB05	Combination	0.2926	0.0878	8.5286	5.368	-4.9583	-0.1332	0	0	0
COMB06	Combination	0.2926	-0.0878	8.5286	5.7192	-4.9583	-0.2473	0	0	0
COMB07	Combination	-0.0878	-0.2926	8.5286	6.1289	-5.7192	-0.1332	0	0	0
COMB08	Combination	-0.0878	0.2926	8.5286	4.9583	-5.7192	0.2473	0	0	0
COMB09	Combination	0.0878	0.2926	8.5286	4.9583	-5.368	0.1332	0	0	0
COMB10	Combination	0.0878	-0.2926	8.5286	6.1289	-5.368	-0.2473	0	0	0
COMB11	Combination	-0.2926	-0.0878	6.1683	4.185	-4.5947	0.1332	0	0	0
COMB12	Combination	-0.2926	0.0878	6.1683	3.8338	-4.5947	0.2473	0	0	0
COMB13	Combination	0.2926	0.0878	6.1683	3.8338	-3.4241	-0.1332	0	0	0
COMB14	Combination	0.2926	-0.0878	6.1683	4.185	-3.4241	-0.2473	0	0	0
COMB15	Combination	-0.0878	-0.2926	6.1683	4.5947	-4.185	-0.1332	0	0	0
COMB16	Combination	-0.0878	0.2926	6.1683	3.4241	-4.185	0.2473	0	0	0
COMB17	Combination	0.0878	0.2926	6.1683	3.4241	-3.8338	0.1332	0	0	0
COMB18	Combination	0.0878	-0.2926	6.1683	4.5947	-3.8338	-0.2473	0	0	0
COMB19	Combination	-0.5853	-0.1756	8.5286	5.8948	-6.7142	0.2663	0	0	0
COMB20	Combination	-0.5853	0.1756	8.5286	5.1924	-6.7142	0.4946	0	0	0
COMB21	Combination	0.5853	0.1756	8.5286	5.1924	-4.373	-0.2663	0	0	0
COMB22	Combination	0.5853	-0.1756	8.5286	5.8948	-4.373	-0.4946	0	0	0
COMB23	Combination	-0.1756	-0.5853	8.5286	6.7142	-5.8948	-0.2663	0	0	0
COMB24	Combination	-0.1756	0.5853	8.5286	4.373	-5.8948	0.4946	0	0	0
COMB25	Combination	0.1756	0.5853	8.5286	4.373	-5.1924	0.2663	0	0	0
COMB26	Combination	0.1756	-0.5853	8.5286	6.7142	-5.1924	-0.4946	0	0	0
COMB27	Combination	-0.5853	-0.1756	6.1683	4.3606	-5.18	0.2663	0	0	0
COMB28	Combination	-0.5853	0.1756	6.1683	3.6582	-5.18	0.4946	0	0	0
COMB29	Combination	0.5853	0.1756	6.1683	3.6582	-2.8388	-0.2663	0	0	0
COMB30	Combination	0.5853	-0.1756	6.1683	4.3606	-2.8388	-0.4946	0	0	0
COMB31	Combination	-0.1756	-0.5853	6.1683	5.18	-4.3606	-0.2663	0	0	0
COMB32	Combination	-0.1756	0.5853	6.1683	2.8388	-4.3606	0.4946	0	0	0
COMB33	Combination	0.1756	0.5853	6.1683	2.8388	-3.6582	0.2663	0	0	0
COMB35	Combination	-0.8779	-0.2634	8.5286	6.0704	-7.2995	0.3995	0	0	0
COMB36	Combination	-0.8779	0.2634	8.5286	5.0169	-7.2995	0.7418	0	0	0
COMB37	Combination	0.8779	0.2634	8.5286	5.0169	-3.7878	-0.3995	0	0	0
COMB38	Combination	0.8779	-0.2634	8.5286	6.0704	-3.7878	-0.7418	0	0	0
COMB39	Combination	-0.2634	-0.8779	8.5286	7.2995	-6.0704	-0.3995	0	0	0
COMB40	Combination	-0.2634	0.8779	8.5286	3.7878	-6.0704	0.7418	0	0	0
COMB41	Combination	0.2634	0.8779	8.5286	3.7878	-5.0169	0.3995	0	0	0
COMB42	Combination	0.2634	-0.8779	8.5286	7.2995	-5.0169	-0.7418	0	0	0
COMB43	Combination	-0.8779	-0.2634	6.1683	4.5362	-5.7653	0.3995	0	0	0
COMB44	Combination	-0.8779	0.2634	6.1683	3.4827	-5.7653	0.7418	0	0	0
COMB45	Combination	0.8779	0.2634	6.1683	3.4827	-2.2536	-0.3995	0	0	0
COMB46	Combination	0.8779	-0.2634	6.1683	4.5362	-2.2536	-0.7418	0	0	0
COMB47	Combination	-0.2634	-0.8779	6.1683	5.7653	-4.5362	-0.3995	0	0	0
COMB48	Combination	-0.2634	0.8779	6.1683	2.2536	-4.5362	0.7418	0	0	0

Output Case	Case Type	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m	MZ tonf-m	X m	Y m	Z m
COMB49	Combination	0.2634	0.8779	6.1683	2.2536	-3.4827	0.3995	0	0	0
COMB34	Combination	0.1756	-0.5853	6.1683	5.18	-3.6582	-0.4946	0	0	0
COMB50	Combination	0.2634	-0.8779	6.1683	5.7653	-3.4827	-0.7418	0	0	0
CARCIM	Combination	0	0	7.1579	4.6526	-4.6526	0	0	0	0
C1	Combination	0	0	7.1579	4.6526	-4.6526	0	0	0	0
C2	Combination	-0.0761	0	7.1579	4.6526	-4.8048	0.0495	0	0	0
C4	Combination	0	-0.0761	7.1579	4.8048	-4.6526	-0.0495	0	0	0
C.15-2	Combination	0	0	7.1579	4.6526	-4.6526	0	0	0	0
C.15-3	Combination	0	0	8.7112	5.6623	-5.6623	0	0	0	0
C.15-4X	Combination	-0.0761	0	7.1579	4.6526	-4.8048	0.0495	0	0	0
C.15-4Y	Combination	0	-0.0761	7.1579	4.8048	-4.6526	-0.0495	0	0	0
DWAL1	Combination	0	0	9.5952	6.2369	-6.2369	0	0	0	0
DWAL2	Combination	0	0	8.7112	5.6623	-5.6623	0	0	0	0
DWAL3	Combination	-0.2926	0	9.8994	6.4346	-7.0199	0.1902	0	0	0
DWAL4	Combination	0.2926	0	9.8994	6.4346	-5.8493	-0.1902	0	0	0
DWAL5	Combination	0	-0.2926	9.8994	7.0199	-6.4346	-0.1902	0	0	0
DWAL6	Combination	0	0.2926	9.8994	5.8493	-6.4346	0.1902	0	0	0
DWAL7	Combination	0	0	9.8994	6.4346	-6.4346	0	0	0	0
DWAL8	Combination	0	0	9.8994	6.4346	-6.4346	0	0	0	0
DWAL9	Combination	-0.2926	0	9.5952	6.2369	-6.8222	0.1902	0	0	0
DWAL10	Combination	0.2926	0	9.5952	6.2369	-5.6516	-0.1902	0	0	0
DWAL11	Combination	0	-0.2926	9.5952	6.8222	-6.2369	-0.1902	0	0	0
DWAL12	Combination	0	0.2926	9.5952	5.6516	-6.2369	0.1902	0	0	0
DWAL13	Combination	0	0	9.5952	6.2369	-6.2369	0	0	0	0
DWAL14	Combination	0	0	9.5952	6.2369	-6.2369	0	0	0	0
DWAL15	Combination	-0.2926	0	4.7976	3.1184	-3.7037	0.1902	0	0	0
DWAL16	Combination	0.2926	0	4.7976	3.1184	-2.5331	-0.1902	0	0	0
DWAL17	Combination	0	-0.2926	4.7976	3.7037	-3.1184	-0.1902	0	0	0
DWAL18	Combination	0	0.2926	4.7976	2.5331	-3.1184	0.1902	0	0	0
DWAL19	Combination	0	0	4.7976	3.1184	-3.1184	0	0	0	0
DWAL20	Combination	0	0	4.7976	3.1184	-3.1184	0	0	0	0

3.2 Story Results

Table 3.2 - Story Drifts

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
CUB	MUERTA	LinStatic	X	1.534E-08	3	1.3	0	2
CUB	MUERTA	LinStatic	Y	1.534E-08	1	0	0	2
CUB	VIVA	LinStatic	X	6.735E-09	3	1.3	0	2
CUB	PPROPIO	LinStatic	X	7.863E-08	3	1.3	0	2
CUB	PPROPIO	LinStatic	Y	7.863E-08	1	0	0	2
CUB	SISMOX	LinStatic	X	2E-06	5	0.65	0.65	2
CUB	SISMOY	LinStatic	Y	2E-06	5	0.65	0.65	2
CUB	COMB01	Combination	X	1.316E-07	3	1.3	0	2
CUB	COMB01	Combination	Y	1.316E-07	1	0	0	2
CUB	COMB02	Combination	X	1.235E-07	3	1.3	0	2
CUB	COMB02	Combination	Y	1.235E-07	1	0	0	2
CUB	COMB03	Combination	X	2E-06	9	1.3	1.3	2
CUB	COMB03	Combination	Y	1E-06	9	1.3	1.3	2
CUB	COMB04	Combination	X	2E-06	3	1.3	0	2
CUB	COMB04	Combination	Y	1E-06	3	1.3	0	2
CUB	COMB05	Combination	X	2E-06	1	0	0	2
CUB	COMB05	Combination	Y	1E-06	1	0	0	2
CUB	COMB06	Combination	X	2E-06	7	0	1.3	2
CUB	COMB06	Combination	Y	1E-06	7	0	1.3	2
CUB	COMB07	Combination	X	1E-06	9	1.3	1.3	2
CUB	COMB07	Combination	Y	2E-06	9	1.3	1.3	2
CUB	COMB08	Combination	X	1E-06	3	1.3	0	2

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
CUB	COMB08	Combination	Y	2E-06	3	1.3	0	2
CUB	COMB09	Combination	X	1E-06	1	0	0	2
CUB	COMB09	Combination	Y	2E-06	1	0	0	2
CUB	COMB10	Combination	X	1E-06	7	0	1.3	2
CUB	COMB10	Combination	Y	2E-06	7	0	1.3	2
CUB	COMB11	Combination	X	2E-06	5	0.65	0.65	2
CUB	COMB11	Combination	Y	1E-06	9	1.3	1.3	2
CUB	COMB12	Combination	X	2E-06	5	0.65	0.65	2
CUB	COMB12	Combination	Y	1E-06	3	1.3	0	2
CUB	COMB13	Combination	X	2E-06	5	0.65	0.65	2
CUB	COMB13	Combination	Y	1E-06	1	0	0	2
CUB	COMB14	Combination	X	2E-06	5	0.65	0.65	2
CUB	COMB14	Combination	Y	1E-06	7	0	1.3	2
CUB	COMB15	Combination	X	1E-06	9	1.3	1.3	2
CUB	COMB15	Combination	Y	2E-06	5	0.65	0.65	2
CUB	COMB16	Combination	X	1E-06	3	1.3	0	2
CUB	COMB16	Combination	Y	2E-06	5	0.65	0.65	2
CUB	COMB17	Combination	X	1E-06	1	0	0	2
CUB	COMB17	Combination	Y	2E-06	5	0.65	0.65	2
CUB	COMB18	Combination	X	1E-06	7	0	1.3	2
CUB	COMB18	Combination	Y	2E-06	5	0.65	0.65	2
CUB	COMB19	Combination	X	3E-06	5	0.65	0.65	2
CUB	COMB19	Combination	Y	1E-06	9	1.3	1.3	2
CUB	COMB20	Combination	X	3E-06	5	0.65	0.65	2
CUB	COMB20	Combination	Y	1E-06	3	1.3	0	2
CUB	COMB21	Combination	X	3E-06	5	0.65	0.65	2
CUB	COMB21	Combination	Y	1E-06	1	0	0	2
CUB	COMB22	Combination	X	3E-06	5	0.65	0.65	2
CUB	COMB22	Combination	Y	1E-06	7	0	1.3	2
CUB	COMB23	Combination	X	1E-06	9	1.3	1.3	2
CUB	COMB23	Combination	Y	3E-06	5	0.65	0.65	2
CUB	COMB24	Combination	X	1E-06	3	1.3	0	2
CUB	COMB24	Combination	Y	3E-06	5	0.65	0.65	2
CUB	COMB25	Combination	X	1E-06	1	0	0	2
CUB	COMB25	Combination	Y	3E-06	5	0.65	0.65	2
CUB	COMB26	Combination	X	1E-06	7	0	1.3	2
CUB	COMB26	Combination	Y	3E-06	5	0.65	0.65	2
CUB	COMB27	Combination	X	3E-06	5	0.65	0.65	2
CUB	COMB27	Combination	Y	1E-06	9	1.3	1.3	2
CUB	COMB28	Combination	X	3E-06	5	0.65	0.65	2
CUB	COMB28	Combination	Y	1E-06	3	1.3	0	2
CUB	COMB29	Combination	X	3E-06	5	0.65	0.65	2
CUB	COMB29	Combination	Y	1E-06	1	0	0	2
CUB	COMB30	Combination	X	3E-06	5	0.65	0.65	2
CUB	COMB30	Combination	Y	1E-06	7	0	1.3	2
CUB	COMB31	Combination	X	1E-06	9	1.3	1.3	2
CUB	COMB31	Combination	Y	3E-06	5	0.65	0.65	2
CUB	COMB32	Combination	X	1E-06	3	1.3	0	2
CUB	COMB32	Combination	Y	3E-06	5	0.65	0.65	2
CUB	COMB33	Combination	X	1E-06	1	0	0	2
CUB	COMB33	Combination	Y	3E-06	5	0.65	0.65	2
CUB	COMB35	Combination	X	5E-06	5	0.65	0.65	2
CUB	COMB35	Combination	Y	2E-06	9	1.3	1.3	2
CUB	COMB36	Combination	X	5E-06	5	0.65	0.65	2
CUB	COMB36	Combination	Y	2E-06	3	1.3	0	2
CUB	COMB37	Combination	X	5E-06	5	0.65	0.65	2
CUB	COMB37	Combination	Y	2E-06	1	0	0	2
CUB	COMB38	Combination	X	5E-06	5	0.65	0.65	2
CUB	COMB38	Combination	Y	2E-06	7	0	1.3	2
CUB	COMB39	Combination	X	2E-06	9	1.3	1.3	2

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
CUB	COMB39	Combination	Y	5E-06	5	0.65	0.65	2
CUB	COMB40	Combination	X	2E-06	3	1.3	0	2
CUB	COMB40	Combination	Y	5E-06	5	0.65	0.65	2
CUB	COMB41	Combination	X	2E-06	1	0	0	2
CUB	COMB41	Combination	Y	5E-06	5	0.65	0.65	2
CUB	COMB42	Combination	X	2E-06	7	0	1.3	2
CUB	COMB42	Combination	Y	5E-06	5	0.65	0.65	2
CUB	COMB43	Combination	X	5E-06	5	0.65	0.65	2
CUB	COMB43	Combination	Y	2E-06	9	1.3	1.3	2
CUB	COMB44	Combination	X	5E-06	5	0.65	0.65	2
CUB	COMB44	Combination	Y	2E-06	3	1.3	0	2
CUB	COMB45	Combination	X	5E-06	5	0.65	0.65	2
CUB	COMB45	Combination	Y	2E-06	1	0	0	2
CUB	COMB46	Combination	X	5E-06	5	0.65	0.65	2
CUB	COMB46	Combination	Y	2E-06	7	0	1.3	2
CUB	COMB47	Combination	X	2E-06	9	1.3	1.3	2
CUB	COMB47	Combination	Y	5E-06	5	0.65	0.65	2
CUB	COMB48	Combination	X	2E-06	3	1.3	0	2
CUB	COMB48	Combination	Y	5E-06	5	0.65	0.65	2
CUB	COMB49	Combination	X	2E-06	1	0	0	2
CUB	COMB49	Combination	Y	5E-06	5	0.65	0.65	2
CUB	COMB34	Combination	X	1E-06	7	0	1.3	2
CUB	COMB34	Combination	Y	3E-06	5	0.65	0.65	2
CUB	COMB50	Combination	X	2E-06	7	0	1.3	2
CUB	COMB50	Combination	Y	5E-06	5	0.65	0.65	2
CUB	CARCIM	Combination	X	1.007E-07	3	1.3	0	2
CUB	CARCIM	Combination	Y	1.007E-07	1	0	0	2
CUB	C1	Combination	X	1.007E-07	3	1.3	0	2
CUB	C1	Combination	Y	1.007E-07	1	0	0	2
CUB	C2	Combination	X	4.794E-07	3	1.3	0	2
CUB	C4	Combination	Y	4.794E-07	9	1.3	1.3	2
CUB	C.15-2	Combination	X	1.007E-07	3	1.3	0	2
CUB	C.15-2	Combination	Y	1.007E-07	1	0	0	2
CUB	C.15-3	Combination	X	1.235E-07	3	1.3	0	2
CUB	C.15-3	Combination	Y	1.235E-07	1	0	0	2
CUB	C.15-4X	Combination	X	4.794E-07	3	1.3	0	2
CUB	C.15-4Y	Combination	Y	4.794E-07	9	1.3	1.3	2
CUB	DWAL1	Combination	X	1.316E-07	3	1.3	0	2
CUB	DWAL1	Combination	Y	1.316E-07	1	0	0	2
CUB	DWAL2	Combination	X	1.235E-07	3	1.3	0	2
CUB	DWAL2	Combination	Y	1.235E-07	1	0	0	2
CUB	DWAL3	Combination	X	2E-06	9	1.3	1.3	2
CUB	DWAL4	Combination	X	2E-06	7	0	1.3	2
CUB	DWAL5	Combination	Y	2E-06	7	0	1.3	2
CUB	DWAL6	Combination	Y	2E-06	1	0	0	2
CUB	DWAL7	Combination	X	1.383E-07	3	1.3	0	2
CUB	DWAL7	Combination	Y	1.383E-07	1	0	0	2
CUB	DWAL8	Combination	X	1.383E-07	3	1.3	0	2
CUB	DWAL8	Combination	Y	1.383E-07	1	0	0	2
CUB	DWAL9	Combination	X	2E-06	9	1.3	1.3	2
CUB	DWAL10	Combination	X	2E-06	7	0	1.3	2
CUB	DWAL11	Combination	Y	2E-06	7	0	1.3	2
CUB	DWAL12	Combination	Y	2E-06	1	0	0	2
CUB	DWAL13	Combination	X	1.316E-07	3	1.3	0	2
CUB	DWAL13	Combination	Y	1.316E-07	1	0	0	2
CUB	DWAL14	Combination	X	1.316E-07	3	1.3	0	2
CUB	DWAL14	Combination	Y	1.316E-07	1	0	0	2
CUB	DWAL15	Combination	X	2E-06	5	0.65	0.65	2
CUB	DWAL16	Combination	X	2E-06	5	0.65	0.65	2
CUB	DWAL17	Combination	Y	2E-06	5	0.65	0.65	2

Story	Output Case	Case Type	Direction	Drift	Label	X m	Y m	Z m
CUB	DWAL18	Combination	Y	2E-06	5	0.65	0.65	2
CUB	DWAL19	Combination	X	6.578E-08	3	1.3	0	2
CUB	DWAL19	Combination	Y	6.578E-08	1	0	0	2
CUB	DWAL20	Combination	X	6.578E-08	3	1.3	0	2
CUB	DWAL20	Combination	Y	6.578E-08	1	0	0	2

Table 3.3 - Story Forces

Story	Output Case	Case Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
CUB	MUERTA	LinStatic	Top	0.6929	0	0	0	0.4504	-0.4504
CUB	MUERTA	LinStatic	Bottom	0.6929	0	0	0	0.4504	-0.4504
CUB	VIVA	LinStatic	Top	0.3042	0	0	0	0.1977	-0.1977
CUB	VIVA	LinStatic	Bottom	0.3042	0	0	0	0.1977	-0.1977
CUB	PPROPIO	LinStatic	Top	0.6084	0	0	0	0.3955	-0.3955
CUB	PPROPIO	LinStatic	Bottom	5.5524	0	0	0	3.6091	-3.6091
CUB	SISMOX	LinStatic	Top	0	-0.2926	0	0.1902	0	0
CUB	SISMOX	LinStatic	Bottom	0	-0.2926	0	0.1902	0	-0.5853
CUB	SISMOY	LinStatic	Top	0	0	-0.2926	-0.1902	0	0
CUB	SISMOY	LinStatic	Bottom	0	0	-0.2926	-0.1902	0.5853	0
CUB	GRANIZO	LinStatic	Top	0	0	0	0	0	0
CUB	GRANIZO	LinStatic	Bottom	0	0	0	0	0	0
CUB	COMB01	Combination	Top	1.8218	0	0	0	1.1842	-1.1842
CUB	COMB01	Combination	Bottom	8.7434	0	0	0	5.6832	-5.6832
CUB	COMB02	Combination	Top	2.0483	0	0	0	1.3314	-1.3314
CUB	COMB02	Combination	Bottom	7.9811	0	0	0	5.1877	-5.1877
CUB	COMB03	Combination	Top	1.8658	-0.2926	-0.0878	0.1332	1.2127	-1.2127
CUB	COMB03	Combination	Bottom	7.7986	-0.2926	-0.0878	0.1332	5.2447	-5.6544
CUB	COMB04	Combination	Top	1.8658	-0.2926	0.0878	0.2473	1.2127	-1.2127
CUB	COMB04	Combination	Bottom	7.7986	-0.2926	0.0878	0.2473	4.8935	-5.6544
CUB	COMB05	Combination	Top	1.8658	0.2926	0.0878	-0.1332	1.2127	-1.2127
CUB	COMB05	Combination	Bottom	7.7986	0.2926	0.0878	-0.1332	4.8935	-4.4838
CUB	COMB06	Combination	Top	1.8658	0.2926	-0.0878	-0.2473	1.2127	-1.2127
CUB	COMB06	Combination	Bottom	7.7986	0.2926	-0.0878	-0.2473	5.2447	-4.4838
CUB	COMB07	Combination	Top	1.8658	-0.0878	-0.2926	-0.1332	1.2127	-1.2127
CUB	COMB07	Combination	Bottom	7.7986	-0.0878	-0.2926	-0.1332	5.6544	-5.2447
CUB	COMB08	Combination	Top	1.8658	-0.0878	0.2926	0.2473	1.2127	-1.2127
CUB	COMB08	Combination	Bottom	7.7986	-0.0878	0.2926	0.2473	4.4838	-5.2447
CUB	COMB09	Combination	Top	1.8658	0.0878	0.2926	0.1332	1.2127	-1.2127
CUB	COMB09	Combination	Bottom	7.7986	0.0878	0.2926	0.1332	4.4838	-4.8935
CUB	COMB10	Combination	Top	1.8658	0.0878	-0.2926	-0.2473	1.2127	-1.2127
CUB	COMB10	Combination	Bottom	7.7986	0.0878	-0.2926	-0.2473	5.6544	-4.8935
CUB	COMB11	Combination	Top	1.1712	-0.2926	-0.0878	0.1332	0.7613	-0.7613
CUB	COMB11	Combination	Bottom	5.6208	-0.2926	-0.0878	0.1332	3.8291	-4.2388
CUB	COMB12	Combination	Top	1.1712	-0.2926	0.0878	0.2473	0.7613	-0.7613
CUB	COMB12	Combination	Bottom	5.6208	-0.2926	0.0878	0.2473	3.4779	-4.2388
CUB	COMB13	Combination	Top	1.1712	0.2926	0.0878	-0.1332	0.7613	-0.7613
CUB	COMB13	Combination	Bottom	5.6208	0.2926	0.0878	-0.1332	3.4779	-3.0682
CUB	COMB14	Combination	Top	1.1712	0.2926	-0.0878	-0.2473	0.7613	-0.7613
CUB	COMB14	Combination	Bottom	5.6208	0.2926	-0.0878	-0.2473	3.8291	-3.0682
CUB	COMB15	Combination	Top	1.1712	-0.0878	-0.2926	-0.1332	0.7613	-0.7613
CUB	COMB15	Combination	Bottom	5.6208	-0.0878	-0.2926	-0.1332	4.2388	-3.8291
CUB	COMB16	Combination	Top	1.1712	-0.0878	0.2926	0.2473	0.7613	-0.7613
CUB	COMB16	Combination	Bottom	5.6208	-0.0878	0.2926	0.2473	3.0682	-3.8291
CUB	COMB17	Combination	Top	1.1712	0.0878	0.2926	0.1332	0.7613	-0.7613
CUB	COMB17	Combination	Bottom	5.6208	0.0878	0.2926	0.1332	3.0682	-3.4779
CUB	COMB18	Combination	Top	1.1712	0.0878	-0.2926	-0.2473	0.7613	-0.7613
CUB	COMB18	Combination	Bottom	5.6208	0.0878	-0.2926	-0.2473	4.2388	-3.4779
CUB	COMB19	Combination	Top	1.8658	-0.5853	-0.1756	0.2663	1.2127	-1.2127
CUB	COMB19	Combination	Bottom	7.7986	-0.5853	-0.1756	0.2663	5.4202	-6.2396

Story	Output Case	Case Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
CUB	COMB20	Combination	Top	1.8658	-0.5853	0.1756	0.4946	1.2127	-1.2127
CUB	COMB20	Combination	Bottom	7.7986	-0.5853	0.1756	0.4946	4.7179	-6.2396
CUB	COMB21	Combination	Top	1.8658	0.5853	0.1756	-0.2663	1.2127	-1.2127
CUB	COMB21	Combination	Bottom	7.7986	0.5853	0.1756	-0.2663	4.7179	-3.8985
CUB	COMB22	Combination	Top	1.8658	0.5853	-0.1756	-0.4946	1.2127	-1.2127
CUB	COMB22	Combination	Bottom	7.7986	0.5853	-0.1756	-0.4946	5.4202	-3.8985
CUB	COMB23	Combination	Top	1.8658	-0.1756	-0.5853	-0.2663	1.2127	-1.2127
CUB	COMB23	Combination	Bottom	7.7986	-0.1756	-0.5853	-0.2663	6.2396	-5.4202
CUB	COMB24	Combination	Top	1.8658	-0.1756	0.5853	0.4946	1.2127	-1.2127
CUB	COMB24	Combination	Bottom	7.7986	-0.1756	0.5853	0.4946	3.8985	-5.4202
CUB	COMB25	Combination	Top	1.8658	0.1756	0.5853	0.2663	1.2127	-1.2127
CUB	COMB25	Combination	Bottom	7.7986	0.1756	0.5853	0.2663	3.8985	-4.7179
CUB	COMB26	Combination	Top	1.8658	0.1756	-0.5853	-0.4946	1.2127	-1.2127
CUB	COMB26	Combination	Bottom	7.7986	0.1756	-0.5853	-0.4946	6.2396	-4.7179
CUB	COMB27	Combination	Top	1.1712	-0.5853	-0.1756	0.2663	0.7613	-0.7613
CUB	COMB27	Combination	Bottom	5.6208	-0.5853	-0.1756	0.2663	4.0047	-4.8241
CUB	COMB28	Combination	Top	1.1712	-0.5853	0.1756	0.4946	0.7613	-0.7613
CUB	COMB28	Combination	Bottom	5.6208	-0.5853	0.1756	0.4946	3.3023	-4.8241
CUB	COMB29	Combination	Top	1.1712	0.5853	0.1756	-0.2663	0.7613	-0.7613
CUB	COMB29	Combination	Bottom	5.6208	0.5853	0.1756	-0.2663	3.3023	-2.4829
CUB	COMB30	Combination	Top	1.1712	0.5853	-0.1756	-0.4946	0.7613	-0.7613
CUB	COMB30	Combination	Bottom	5.6208	0.5853	-0.1756	-0.4946	4.0047	-2.4829
CUB	COMB31	Combination	Top	1.1712	-0.1756	-0.5853	-0.2663	0.7613	-0.7613
CUB	COMB31	Combination	Bottom	5.6208	-0.1756	-0.5853	-0.2663	4.8241	-4.0047
CUB	COMB32	Combination	Top	1.1712	-0.1756	0.5853	0.4946	0.7613	-0.7613
CUB	COMB32	Combination	Bottom	5.6208	-0.1756	0.5853	0.4946	2.4829	-4.0047
CUB	COMB33	Combination	Top	1.1712	0.1756	0.5853	0.2663	0.7613	-0.7613
CUB	COMB33	Combination	Bottom	5.6208	0.1756	0.5853	0.2663	2.4829	-3.3023
CUB	COMB35	Combination	Top	1.8658	-0.8779	-0.2634	0.3995	1.2127	-1.2127
CUB	COMB35	Combination	Bottom	7.7986	-0.8779	-0.2634	0.3995	5.5958	-6.8249
CUB	COMB36	Combination	Top	1.8658	-0.8779	0.2634	0.7418	1.2127	-1.2127
CUB	COMB36	Combination	Bottom	7.7986	-0.8779	0.2634	0.7418	4.5423	-6.8249
CUB	COMB37	Combination	Top	1.8658	0.8779	0.2634	-0.3995	1.2127	-1.2127
CUB	COMB37	Combination	Bottom	7.7986	0.8779	0.2634	-0.3995	4.5423	-3.3132
CUB	COMB38	Combination	Top	1.8658	0.8779	-0.2634	-0.7418	1.2127	-1.2127
CUB	COMB38	Combination	Bottom	7.7986	0.8779	-0.2634	-0.7418	5.5958	-3.3132
CUB	COMB39	Combination	Top	1.8658	-0.2634	-0.8779	-0.3995	1.2127	-1.2127
CUB	COMB39	Combination	Bottom	7.7986	-0.2634	-0.8779	-0.3995	6.8249	-5.5958
CUB	COMB40	Combination	Top	1.8658	-0.2634	0.8779	0.7418	1.2127	-1.2127
CUB	COMB40	Combination	Bottom	7.7986	-0.2634	0.8779	0.7418	3.3132	-5.5958
CUB	COMB41	Combination	Top	1.8658	0.2634	0.8779	0.3995	1.2127	-1.2127
CUB	COMB41	Combination	Bottom	7.7986	0.2634	0.8779	0.3995	3.3132	-4.5423
CUB	COMB42	Combination	Top	1.8658	0.2634	-0.8779	-0.7418	1.2127	-1.2127
CUB	COMB42	Combination	Bottom	7.7986	0.2634	-0.8779	-0.7418	6.8249	-4.5423
CUB	COMB43	Combination	Top	1.1712	-0.8779	-0.2634	0.3995	0.7613	-0.7613
CUB	COMB43	Combination	Bottom	5.6208	-0.8779	-0.2634	0.3995	4.1803	-5.4094
CUB	COMB44	Combination	Top	1.1712	-0.8779	0.2634	0.7418	0.7613	-0.7613
CUB	COMB44	Combination	Bottom	5.6208	-0.8779	0.2634	0.7418	3.1267	-5.4094
CUB	COMB45	Combination	Top	1.1712	0.8779	0.2634	-0.3995	0.7613	-0.7613
CUB	COMB45	Combination	Bottom	5.6208	0.8779	0.2634	-0.3995	3.1267	-1.8976
CUB	COMB46	Combination	Top	1.1712	0.8779	-0.2634	-0.7418	0.7613	-0.7613
CUB	COMB46	Combination	Bottom	5.6208	0.8779	-0.2634	-0.7418	4.1803	-1.8976
CUB	COMB47	Combination	Top	1.1712	-0.2634	-0.8779	-0.3995	0.7613	-0.7613
CUB	COMB47	Combination	Bottom	5.6208	-0.2634	-0.8779	-0.3995	5.4094	-4.1803
CUB	COMB48	Combination	Top	1.1712	-0.2634	0.8779	0.7418	0.7613	-0.7613
CUB	COMB48	Combination	Bottom	5.6208	-0.2634	0.8779	0.7418	1.8976	-4.1803
CUB	COMB49	Combination	Top	1.1712	0.2634	0.8779	0.3995	0.7613	-0.7613
CUB	COMB49	Combination	Bottom	5.6208	0.2634	0.8779	0.3995	1.8976	-3.1267
CUB	COMB34	Combination	Top	1.1712	0.1756	-0.5853	-0.4946	0.7613	-0.7613
CUB	COMB34	Combination	Bottom	5.6208	0.1756	-0.5853	-0.4946	4.8241	-3.3023

Story	Output Case	Case Type	Location	P tonf	VX tonf	VY tonf	T tonf-m	MX tonf-m	MY tonf-m
CUB	COMB50	Combination	Top	1.1712	0.2634	-0.8779	-0.7418	0.7613	-0.7613
CUB	COMB50	Combination	Bottom	5.6208	0.2634	-0.8779	-0.7418	5.4094	-3.1267
CUB	CARCIM	Combination	Top	1.6055	0	0	0	1.0436	-1.0436
CUB	CARCIM	Combination	Bottom	6.5495	0	0	0	4.2572	-4.2572
CUB	C1	Combination	Top	1.6055	0	0	0	1.0436	-1.0436
CUB	C1	Combination	Bottom	6.5495	0	0	0	4.2572	-4.2572
CUB	C2	Combination	Top	1.6055	-0.0761	0	0.0495	1.0436	-1.0436
CUB	C2	Combination	Bottom	6.5495	-0.0761	0	0.0495	4.2572	-4.4093
CUB	C4	Combination	Top	1.6055	0	-0.0761	-0.0495	1.0436	-1.0436
CUB	C4	Combination	Bottom	6.5495	0	-0.0761	-0.0495	4.4093	-4.2572
CUB	C.15-2	Combination	Top	1.6055	0	0	0	1.0436	-1.0436
CUB	C.15-2	Combination	Bottom	6.5495	0	0	0	4.2572	-4.2572
CUB	C.15-3	Combination	Top	2.0483	0	0	0	1.3314	-1.3314
CUB	C.15-3	Combination	Bottom	7.9811	0	0	0	5.1877	-5.1877
CUB	C.15-4X	Combination	Top	1.6055	-0.0761	0	0.0495	1.0436	-1.0436
CUB	C.15-4X	Combination	Bottom	6.5495	-0.0761	0	0.0495	4.2572	-4.4093
CUB	C.15-4Y	Combination	Top	1.6055	0	-0.0761	-0.0495	1.0436	-1.0436
CUB	C.15-4Y	Combination	Bottom	6.5495	0	-0.0761	-0.0495	4.4093	-4.2572
CUB	DWAL1	Combination	Top	1.8218	0	0	0	1.1842	-1.1842
CUB	DWAL1	Combination	Bottom	8.7434	0	0	0	5.6832	-5.6832
CUB	DWAL2	Combination	Top	2.0483	0	0	0	1.3314	-1.3314
CUB	DWAL2	Combination	Bottom	7.9811	0	0	0	5.1877	-5.1877
CUB	DWAL3	Combination	Top	2.126	-0.2926	0	0.1902	1.3819	-1.3819
CUB	DWAL3	Combination	Bottom	9.0476	-0.2926	0	0.1902	5.881	-6.4662
CUB	DWAL4	Combination	Top	2.126	0.2926	0	-0.1902	1.3819	-1.3819
CUB	DWAL4	Combination	Bottom	9.0476	0.2926	0	-0.1902	5.881	-5.2957
CUB	DWAL5	Combination	Top	2.126	0	-0.2926	-0.1902	1.3819	-1.3819
CUB	DWAL5	Combination	Bottom	9.0476	0	-0.2926	-0.1902	6.4662	-5.881
CUB	DWAL6	Combination	Top	2.126	0	0.2926	0.1902	1.3819	-1.3819
CUB	DWAL6	Combination	Bottom	9.0476	0	0.2926	0.1902	5.2957	-5.881
CUB	DWAL7	Combination	Top	2.126	0	0	0	1.3819	-1.3819
CUB	DWAL7	Combination	Bottom	9.0476	0	0	0	5.881	-5.881
CUB	DWAL8	Combination	Top	2.126	0	0	0	1.3819	-1.3819
CUB	DWAL8	Combination	Bottom	9.0476	0	0	0	5.881	-5.881
CUB	DWAL9	Combination	Top	1.8218	-0.2926	0	0.1902	1.1842	-1.1842
CUB	DWAL9	Combination	Bottom	8.7434	-0.2926	0	0.1902	5.6832	-6.2685
CUB	DWAL10	Combination	Top	1.8218	0.2926	0	-0.1902	1.1842	-1.1842
CUB	DWAL10	Combination	Bottom	8.7434	0.2926	0	-0.1902	5.6832	-5.0979
CUB	DWAL11	Combination	Top	1.8218	0	-0.2926	-0.1902	1.1842	-1.1842
CUB	DWAL11	Combination	Bottom	8.7434	0	-0.2926	-0.1902	6.2685	-5.6832
CUB	DWAL12	Combination	Top	1.8218	0	0.2926	0.1902	1.1842	-1.1842
CUB	DWAL12	Combination	Bottom	8.7434	0	0.2926	0.1902	5.0979	-5.6832
CUB	DWAL13	Combination	Top	1.8218	0	0	0	1.1842	-1.1842
CUB	DWAL13	Combination	Bottom	8.7434	0	0	0	5.6832	-5.6832
CUB	DWAL14	Combination	Top	1.8218	0	0	0	1.1842	-1.1842
CUB	DWAL14	Combination	Bottom	8.7434	0	0	0	5.6832	-5.6832
CUB	DWAL15	Combination	Top	0.9109	-0.2926	0	0.1902	0.5921	-0.5921
CUB	DWAL15	Combination	Bottom	4.3717	-0.2926	0	0.1902	2.8416	-3.4269
CUB	DWAL16	Combination	Top	0.9109	0.2926	0	-0.1902	0.5921	-0.5921
CUB	DWAL16	Combination	Bottom	4.3717	0.2926	0	-0.1902	2.8416	-2.2563
CUB	DWAL17	Combination	Top	0.9109	0	-0.2926	-0.1902	0.5921	-0.5921
CUB	DWAL17	Combination	Bottom	4.3717	0	-0.2926	-0.1902	3.4269	-2.8416
CUB	DWAL18	Combination	Top	0.9109	0	0.2926	0.1902	0.5921	-0.5921
CUB	DWAL18	Combination	Bottom	4.3717	0	0.2926	0.1902	2.2563	-2.8416
CUB	DWAL19	Combination	Top	0.9109	0	0	0	0.5921	-0.5921
CUB	DWAL19	Combination	Bottom	4.3717	0	0	0	2.8416	-2.8416
CUB	DWAL20	Combination	Top	0.9109	0	0	0	0.5921	-0.5921
CUB	DWAL20	Combination	Bottom	4.3717	0	0	0	2.8416	-2.8416

Table 3.4 - Story Stiffness

Story	Output Case	Case Type	Shear X tonf	Drift X mm	Stiff X tonf/mm	Shear Y tonf	Drift Y mm	Stiff Y tonf/mm
CUB	SISMOX	LinStatic	0.2926	0.003	97.07206	0	5.39E-05	0
CUB	SISMOY	LinStatic	0	5.39E-05	0	0.2926	0.003	97.07206
CUB	GRANIZO	LinStatic	0	0	0	0	0	0

3.3 Modal Results

Table 3.5 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	0.012	80.581	506.3081	256347.8881
Modal	2	0.012	80.581	506.3081	256347.8881
Modal	3	0.007	152.435	957.7743	917331.6725

Table 3.6 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ	SumRX
Modal	1	0.012	0.9974	0.0003	0	0.9974	0.0003	0	0.0003	0.9974	0	0.0003
Modal	2	0.012	0.0003	0.9974	0	0.9977	0.9977	0	0.9974	0.0003	0	0.9977
Modal	3	0.007	0	0	0	0.9977	0.9977	0	0	0	1	0.9977

Table 3.6 - Modal Participating Mass Ratios (Part 2 of 2)

SumRY	SumRZ
0.9974	0
0.9977	0
0.9977	1

Table 3.7 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	99.99	99.77
Modal	Acceleration	UY	99.99	99.77
Modal	Acceleration	UZ	0	0

Table 3.8 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	0.012	1	0	0	0
Modal	2	0.012	0	1	0	0
Modal	3	0.007	0	0	0	1